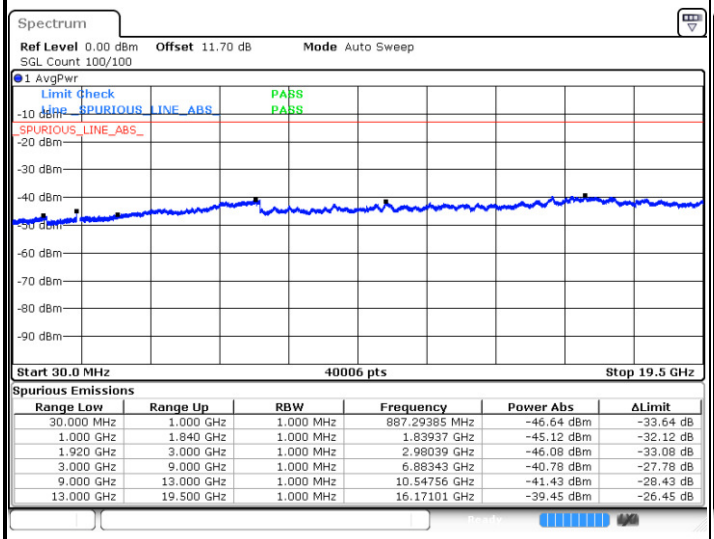
LTE Band 25 / 5MHz

Lowest Channel / 64QAM

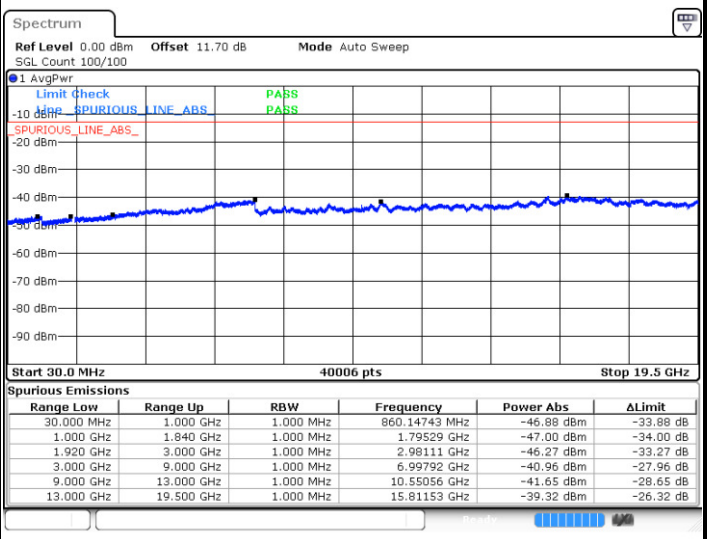


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	887.29385 MHz	-46.64 dBm	-33.64 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83937 GHz	-45.12 dBm	-32.12 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98039 GHz	-46.08 dBm	-33.08 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.88343 GHz	-40.78 dBm	-27.78 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.54756 GHz	-41.43 dBm	-28.43 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.17101 GHz	-39.45 dBm	-26.45 dB

Date: 17.FEB.2018 05:03:37

Middle Channel / 64QAM

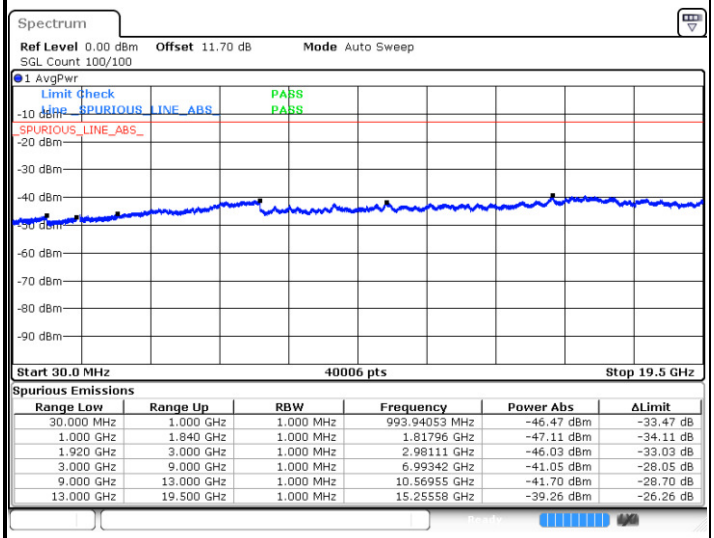


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	860.14743 MHz	-46.88 dBm	-33.88 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79529 GHz	-47.00 dBm	-34.00 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98111 GHz	-46.27 dBm	-33.27 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99792 GHz	-40.96 dBm	-27.96 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.55056 GHz	-41.65 dBm	-28.65 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.81153 GHz	-39.32 dBm	-26.32 dB

Date: 17.FEB.2018 05:04:51

Highest Channel / 64QAM



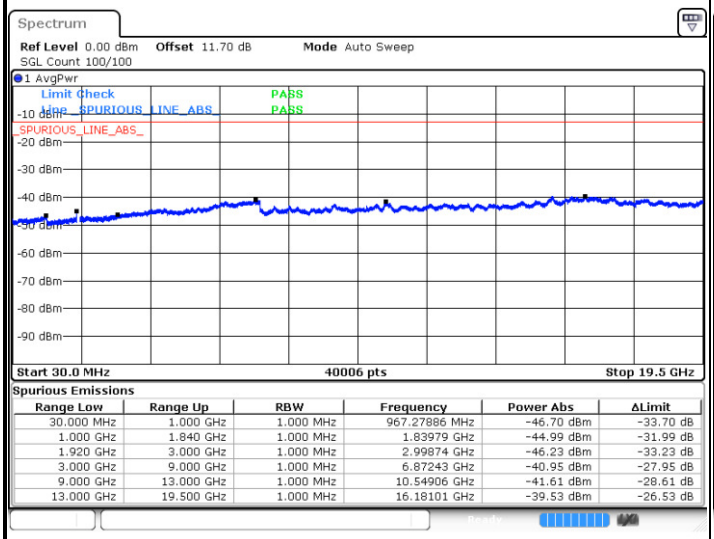
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.94053 MHz	-46.47 dBm	-33.47 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81796 GHz	-47.11 dBm	-34.11 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98111 GHz	-46.03 dBm	-33.03 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99342 GHz	-41.05 dBm	-28.05 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.56955 GHz	-41.70 dBm	-28.70 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.25558 GHz	-39.26 dBm	-26.26 dB

Date: 17.FEB.2018 05:08:19

LTE Band 25 / 10MHz

Lowest Channel / 64QAM

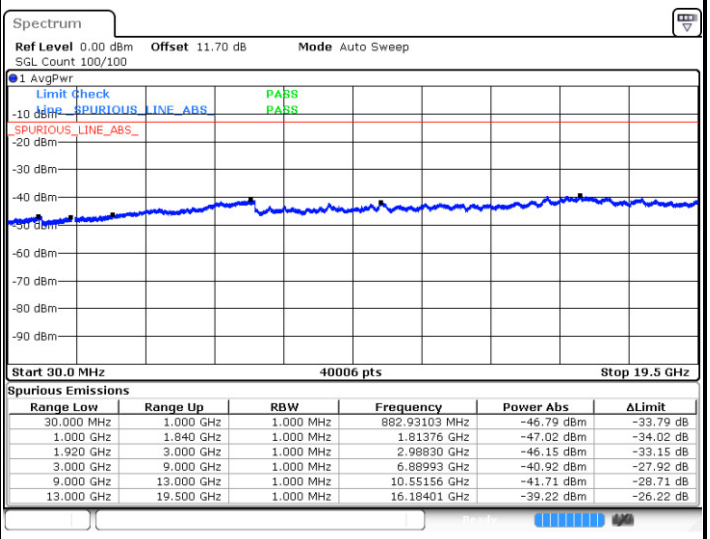


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.27886 MHz	-46.70 dBm	-33.70 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-44.99 dBm	-31.99 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99874 GHz	-46.23 dBm	-33.23 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.87243 GHz	-40.95 dBm	-27.95 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.54906 GHz	-41.61 dBm	-28.61 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.18101 GHz	-39.53 dBm	-26.53 dB

Date: 17.FEB.2018 05:11:47

Middle Channel / 64QAM

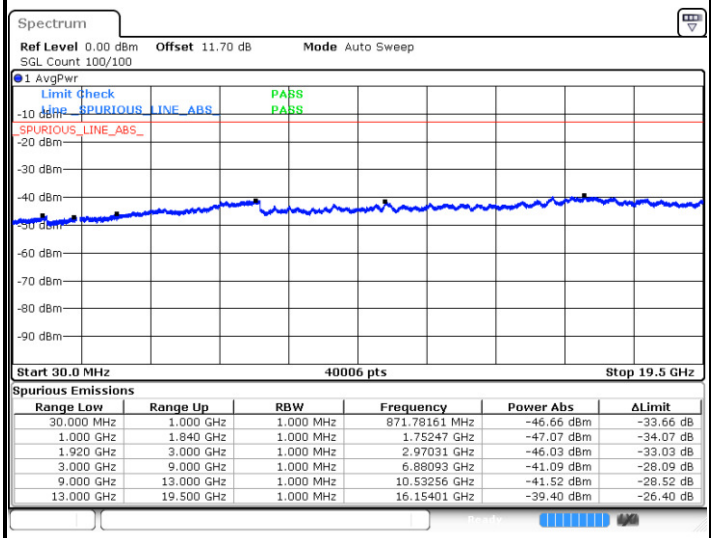


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	882.93103 MHz	-46.79 dBm	-33.79 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81376 GHz	-47.02 dBm	-34.02 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98830 GHz	-46.15 dBm	-33.15 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.88993 GHz	-40.92 dBm	-27.92 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.55156 GHz	-41.71 dBm	-28.71 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.18401 GHz	-39.22 dBm	-26.22 dB

Date: 17.FEB.2018 05:13:00

Highest Channel / 64QAM



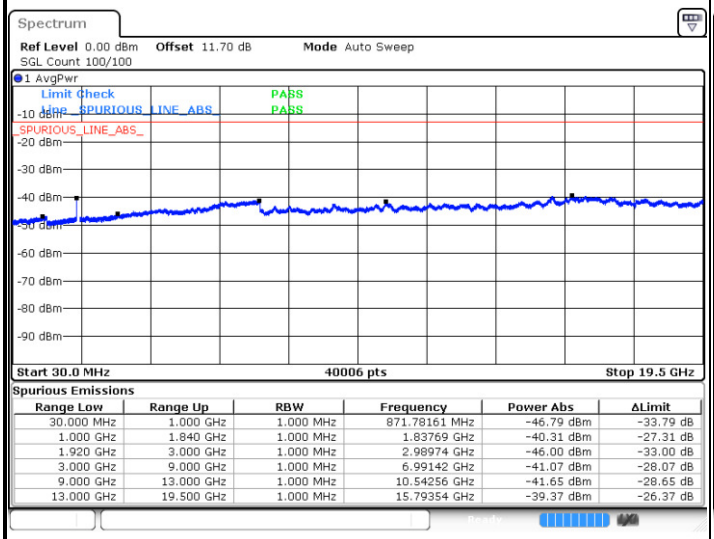
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	871.78161 MHz	-46.66 dBm	-33.66 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.75247 GHz	-47.07 dBm	-34.07 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97031 GHz	-46.03 dBm	-33.03 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.88093 GHz	-41.09 dBm	-28.09 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.53256 GHz	-41.52 dBm	-28.52 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.15401 GHz	-39.40 dBm	-26.40 dB

Date: 17.FEB.2018 05:16:28

LTE Band 25 / 15MHz

Lowest Channel / 64QAM

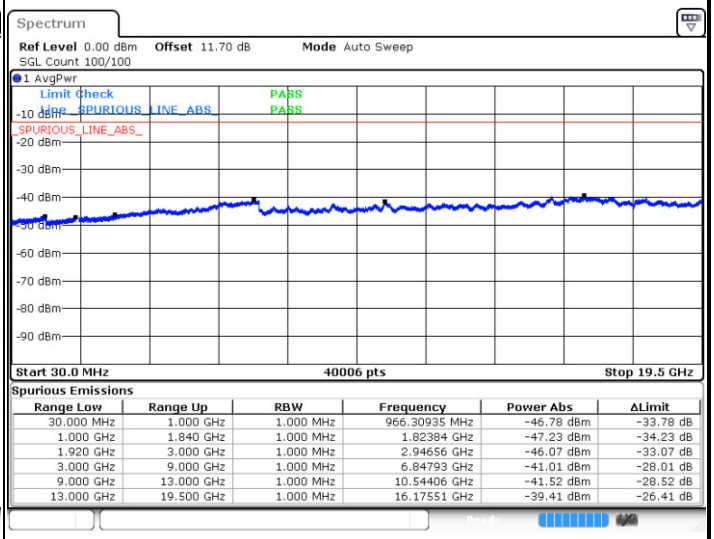


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	871.78161 MHz	-46.79 dBm	-33.79 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-40.31 dBm	-27.31 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98974 GHz	-46.00 dBm	-33.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99142 GHz	-41.07 dBm	-28.07 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.54256 GHz	-41.65 dBm	-28.65 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.79354 GHz	-39.37 dBm	-26.37 dB

Date: 17.FEB.2018 05:19:56

Middle Channel / 64QAM

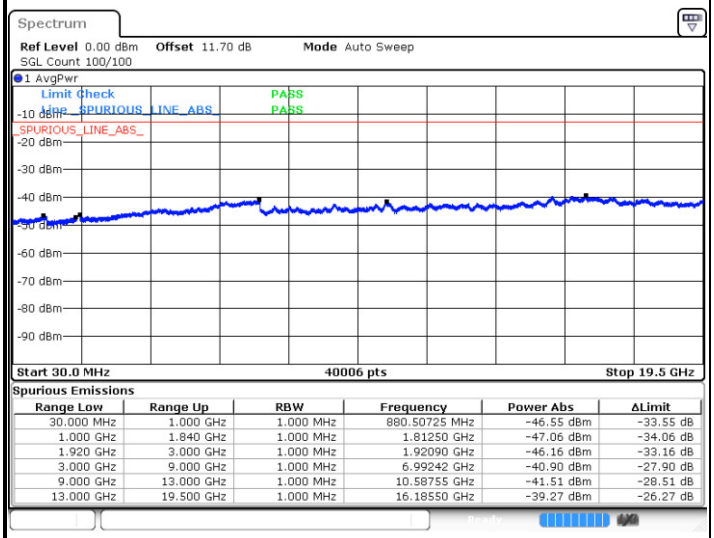


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.30935 MHz	-46.78 dBm	-33.78 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82384 GHz	-47.23 dBm	-34.23 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.94656 GHz	-46.07 dBm	-33.07 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.84793 GHz	-41.01 dBm	-28.01 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.54406 GHz	-41.52 dBm	-28.52 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.17551 GHz	-39.41 dBm	-26.41 dB

Date: 17.FEB.2018 05:21:10

Highest Channel / 64QAM



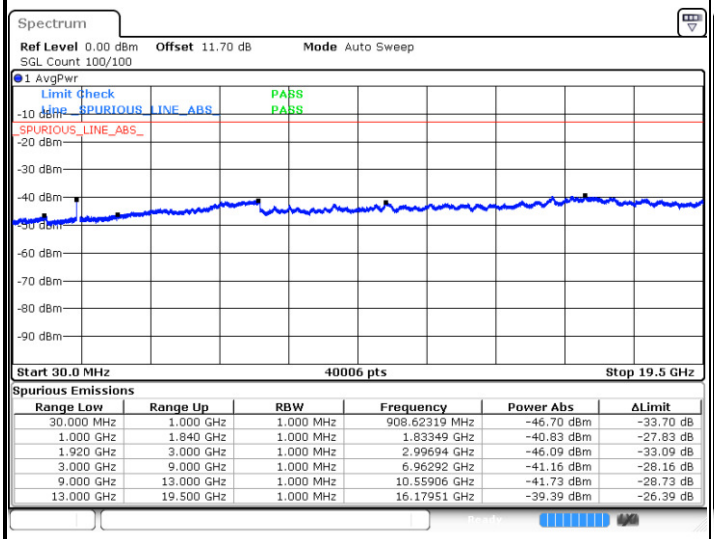
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.50725 MHz	-46.55 dBm	-33.55 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81250 GHz	-47.06 dBm	-34.06 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92090 GHz	-46.16 dBm	-33.16 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99242 GHz	-40.90 dBm	-27.90 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58755 GHz	-41.51 dBm	-28.51 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.18550 GHz	-39.27 dBm	-26.27 dB

Date: 17.FEB.2018 05:24:38

LTE Band 25 / 20MHz

Lowest Channel / 64QAM

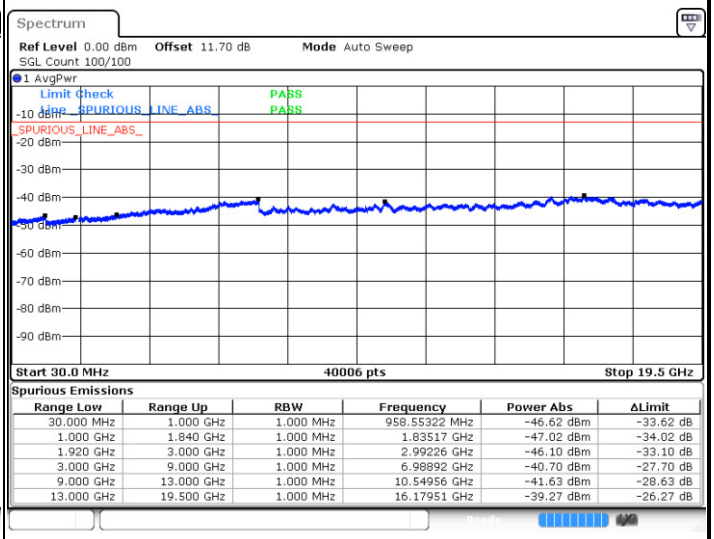


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.62319 MHz	-46.70 dBm	-33.70 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-40.83 dBm	-27.83 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99694 GHz	-46.09 dBm	-33.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96292 GHz	-41.16 dBm	-28.16 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.55906 GHz	-41.73 dBm	-28.73 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.17951 GHz	-39.39 dBm	-26.39 dB

Date: 17.FEB.2018 05:28:06

Middle Channel / 64QAM

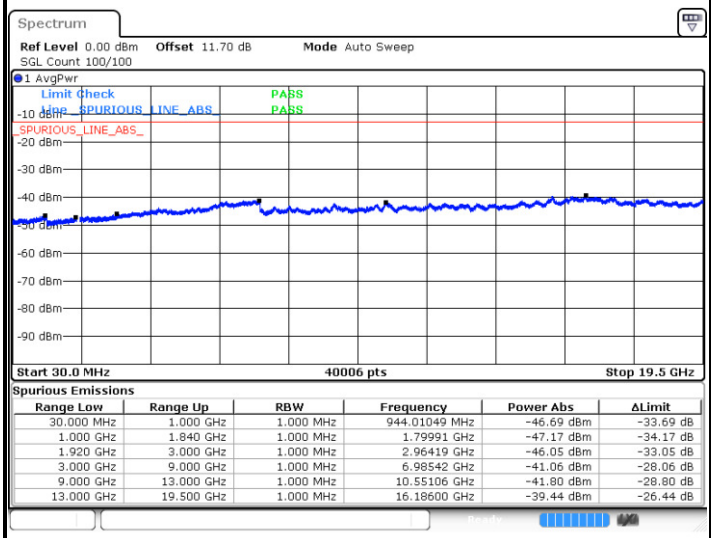


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.55322 MHz	-46.62 dBm	-33.62 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83517 GHz	-47.02 dBm	-34.02 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99226 GHz	-46.10 dBm	-33.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98892 GHz	-40.70 dBm	-27.70 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.54956 GHz	-41.63 dBm	-28.63 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.17951 GHz	-39.27 dBm	-26.27 dB

Date: 17.FEB.2018 05:29:20

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.01049 MHz	-46.69 dBm	-33.69 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79991 GHz	-47.17 dBm	-34.17 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96419 GHz	-46.05 dBm	-33.05 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98542 GHz	-41.06 dBm	-28.06 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.55106 GHz	-41.80 dBm	-28.80 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.18600 GHz	-39.44 dBm	-26.44 dB

Date: 17.FEB.2018 05:32:48

Frequency Stability

Test Conditions		LTE Band 25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0031	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0030	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0059	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

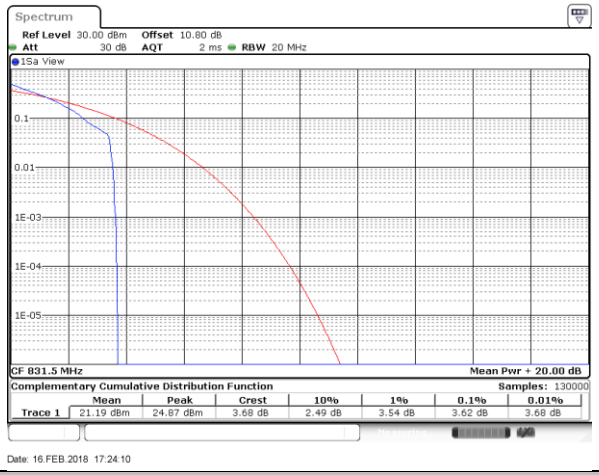
LTE Band 26_Part 22H

Peak-to-Average Ratio

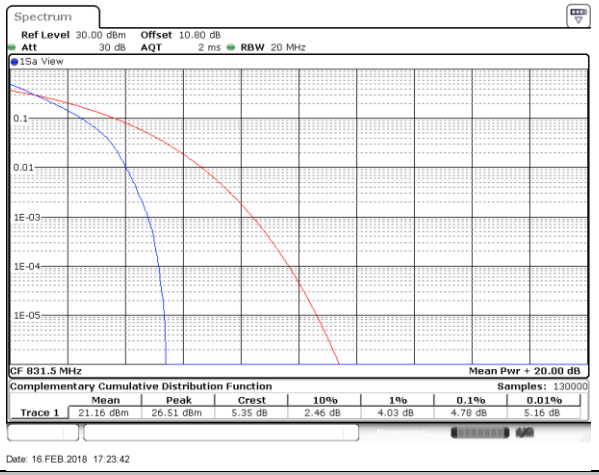
Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.62	4.78	5.19	6	PASS
Middle CH	3.59	4.78	5.33	6.03	
Highest CH	3.54	4.72	5.54	6.03	
Mode	LTE Band 26 / 15MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	7.07	6.43	-	-	PASS
Middle CH	7.10	6.61	-	-	
Highest CH	6.96	6.58	-	-	

LTE Band 26 / 15MHz / QPSK

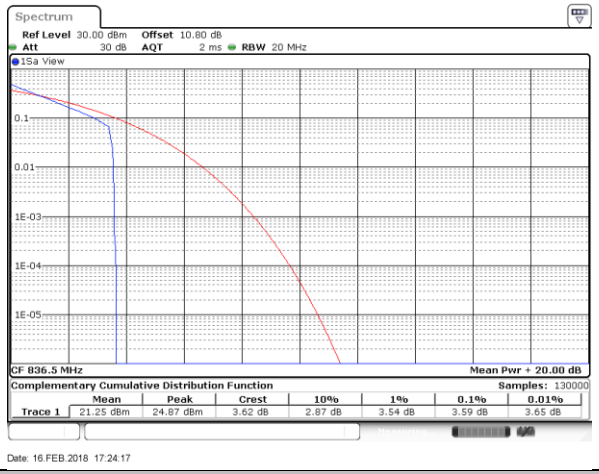
Lowest Channel / 1RB



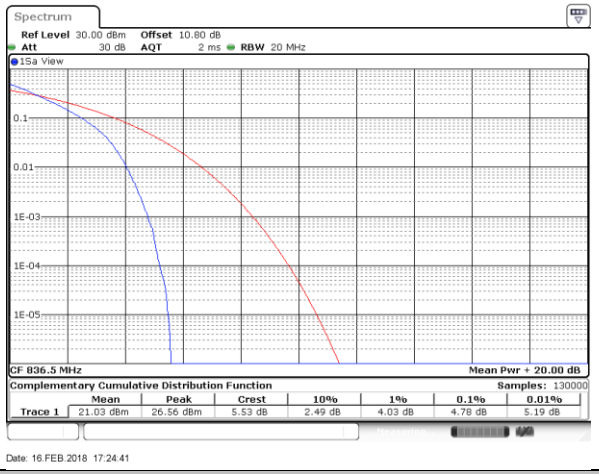
Lowest Channel / Full RB



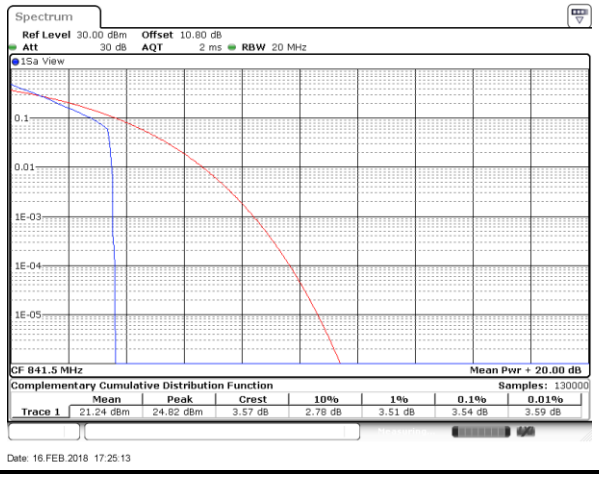
Middle Channel / 1RB



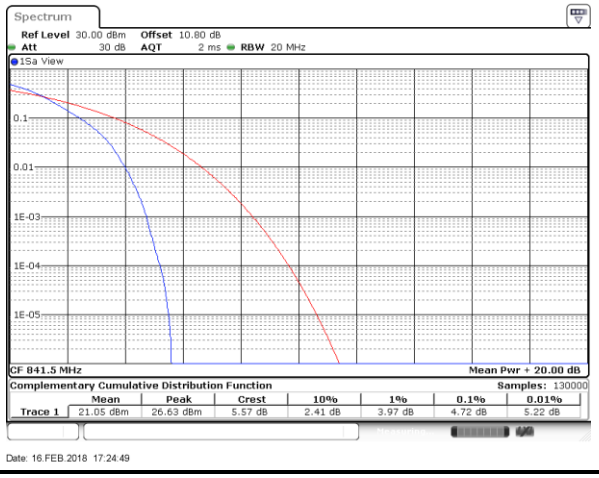
Middle Channel / Full RB



Highest Channel / 1RB

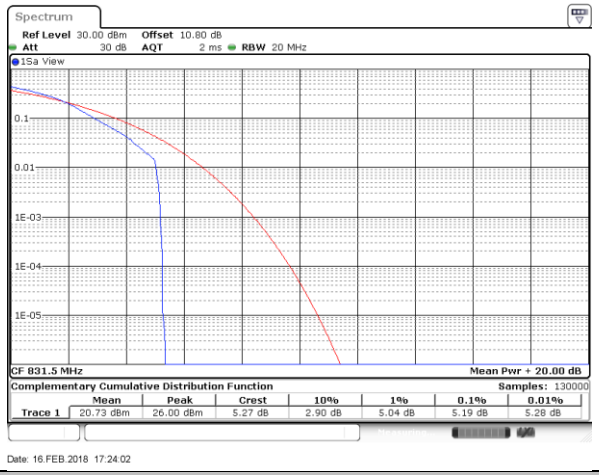


Highest Channel / Full RB

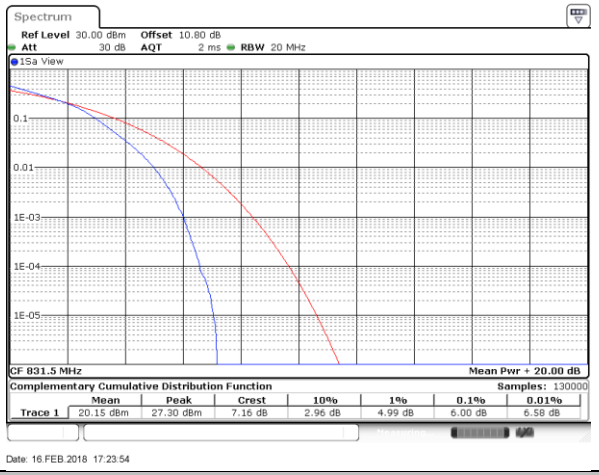


LTE Band 26 / 15MHz / 16QAM

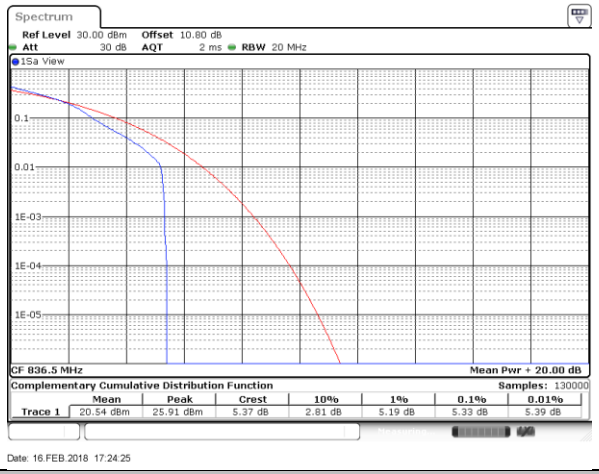
Lowest Channel / 1RB



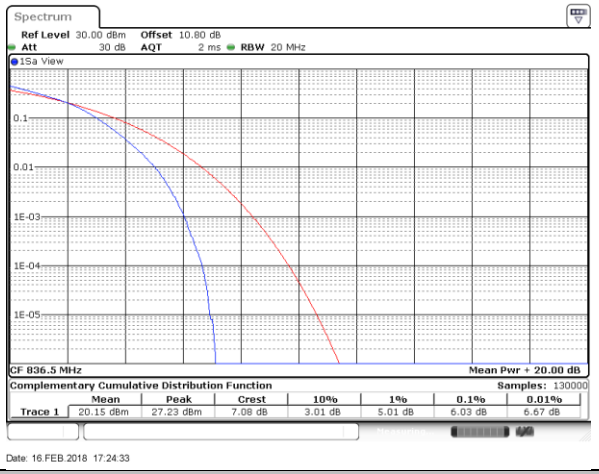
Lowest Channel / Full RB



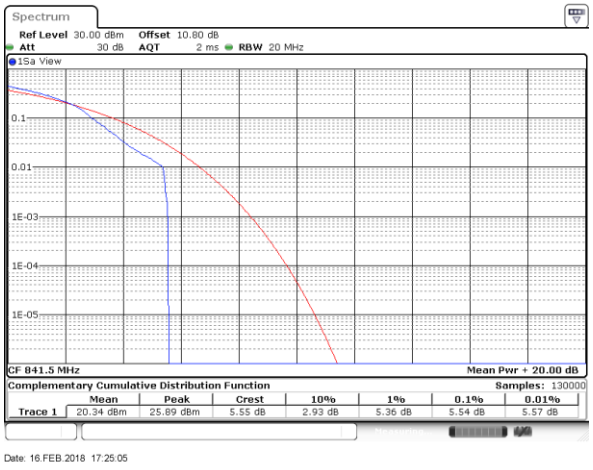
Middle Channel / 1RB



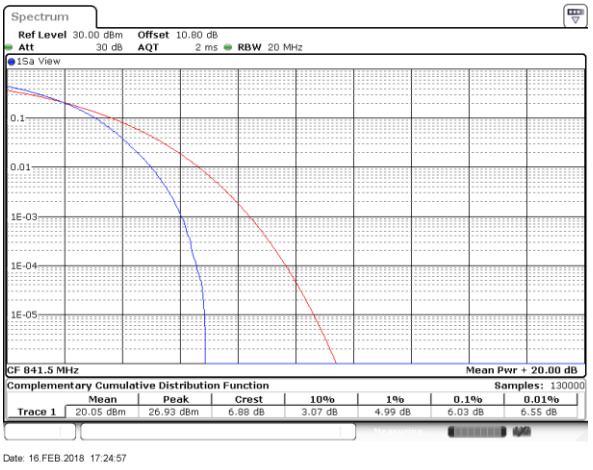
Middle Channel / Full RB



Highest Channel / 1RB

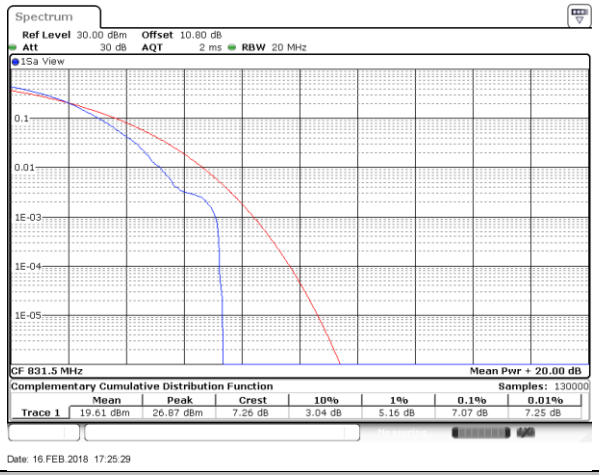


Highest Channel / Full RB

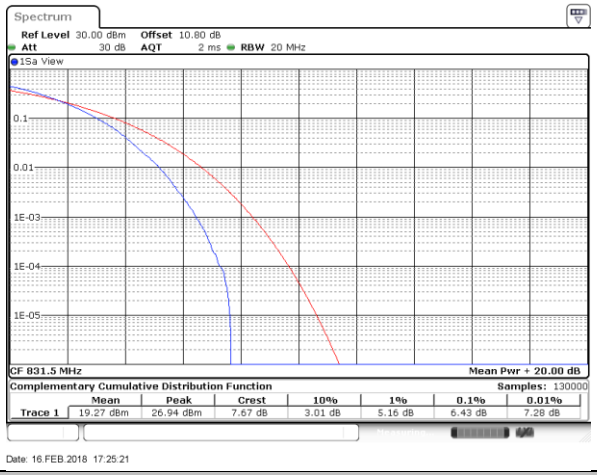


LTE Band 26 / 15MHz / 64QAM

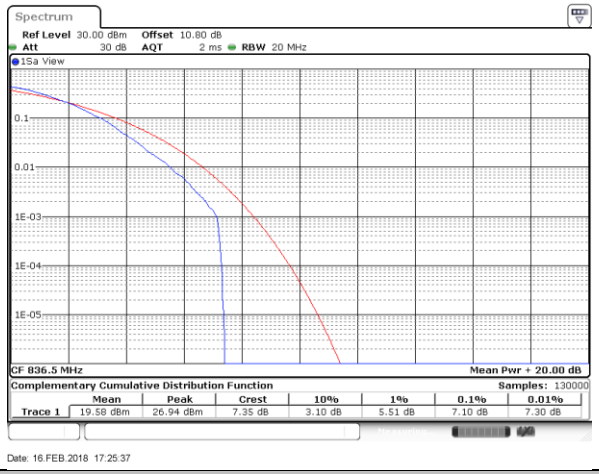
Lowest Channel / 1RB



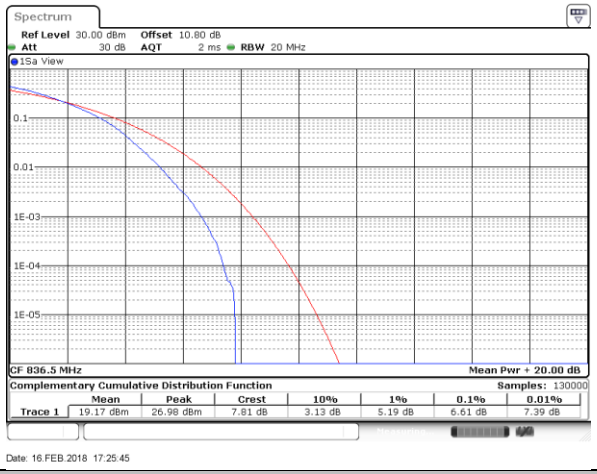
Lowest Channel / Full RB



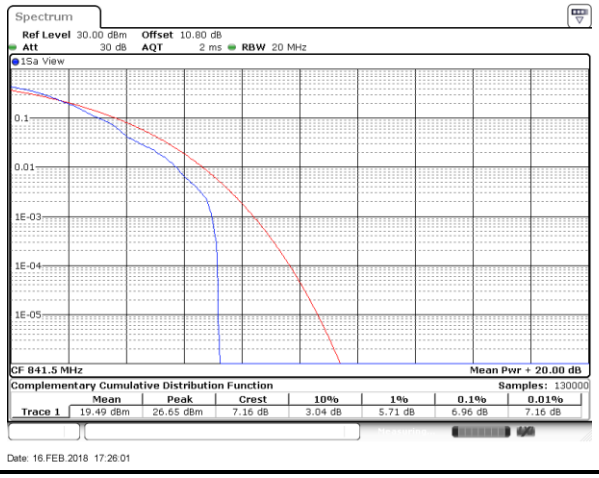
Middle Channel / 1RB



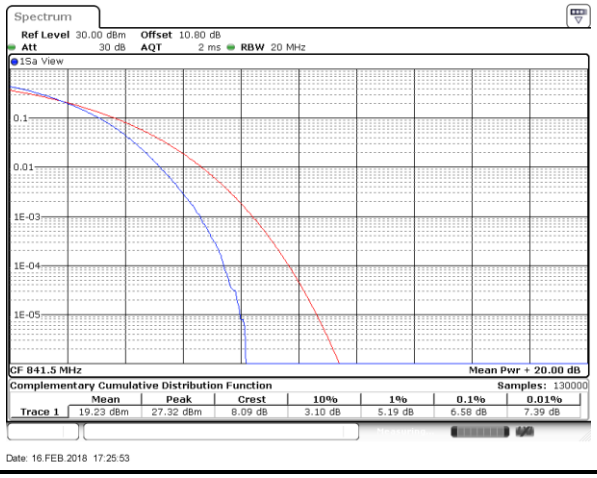
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

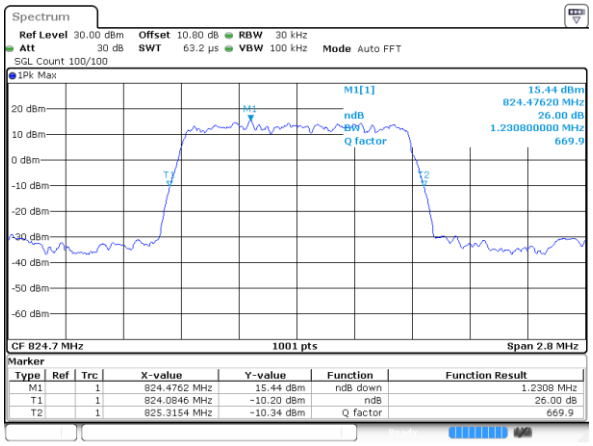


26dB Bandwidth

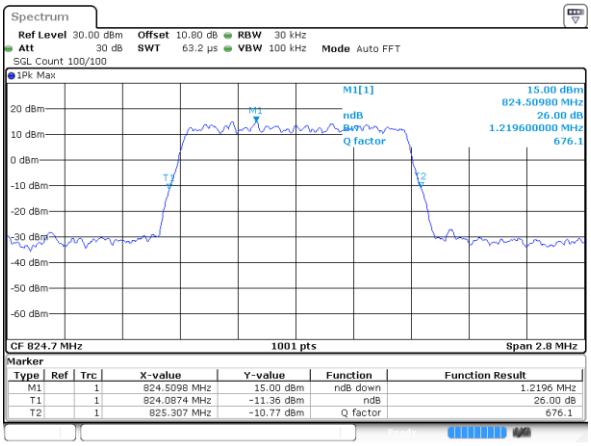
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.23	1.22	3.05	3.04	4.90	4.85	9.81	9.65	14.24	14.18	-	-
Middle CH	1.23	1.23	3.02	3.03	4.96	4.85	9.79	9.65	14.42	14.57	-	-
Highest CH	1.21	1.23	3.02	3.06	4.93	4.94	9.69	9.81	14.51	14.45	-	-
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.24	-	2.99	-	4.80	-	9.71	-	14.30	-	-	-
Middle CH	1.21	-	3.03	-	4.88	-	9.73	-	14.27	-	-	-
Highest CH	1.23	-	2.98	-	4.93	-	9.75	-	14.30	-	-	-

LTE Band 26

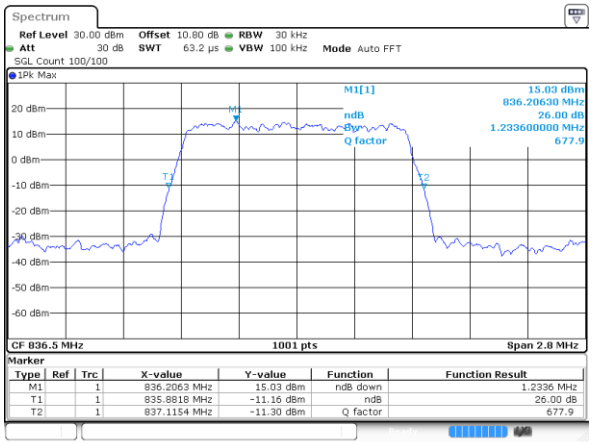
Lowest Channel / 1.4MHz / QPSK



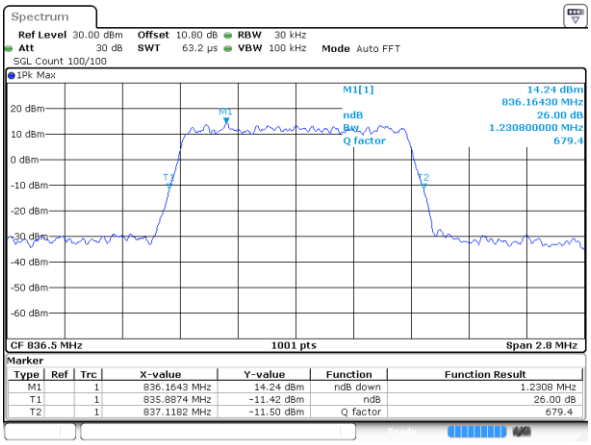
Lowest Channel / 1.4MHz / 16QAM



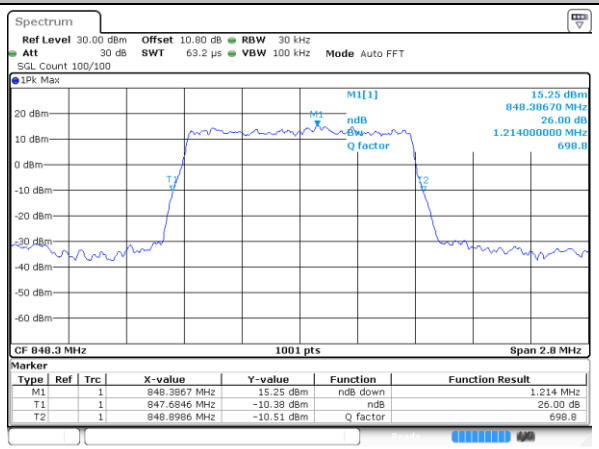
Middle Channel / 1.4MHz / QPSK



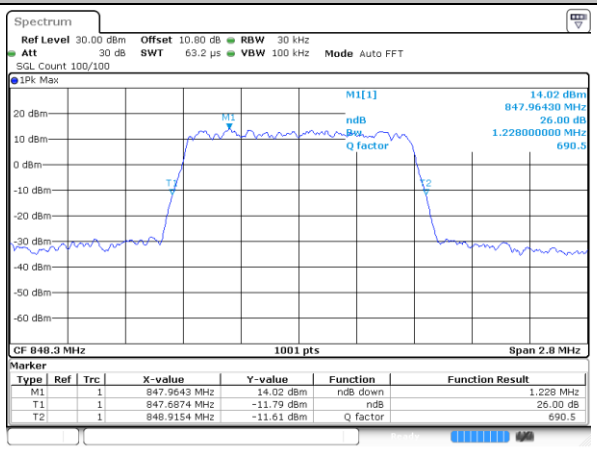
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

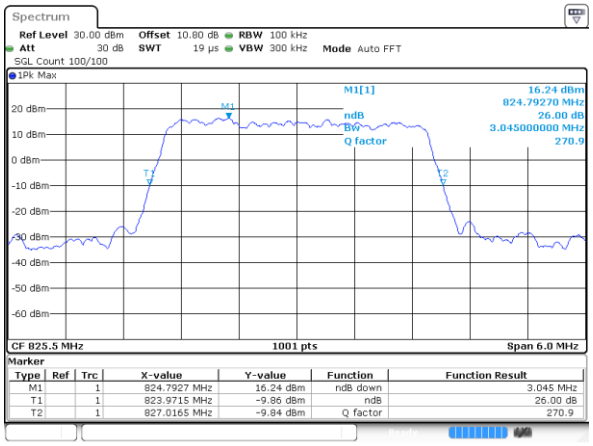


Highest Channel / 1.4MHz / 16QAM

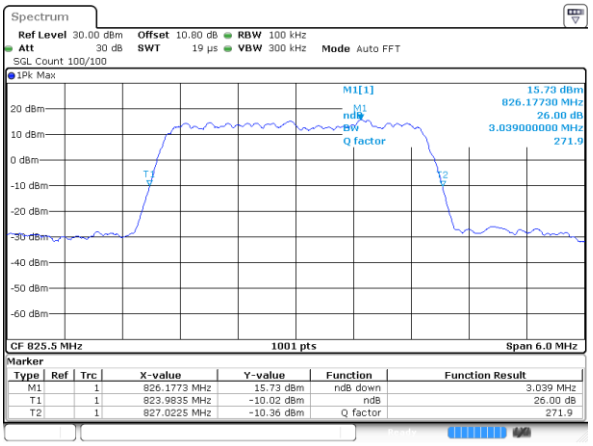


LTE Band 26

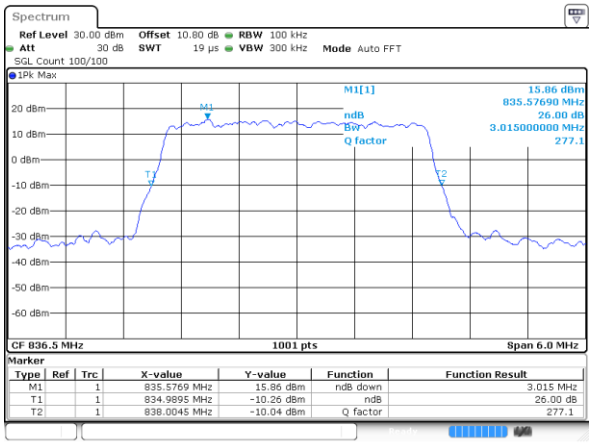
Lowest Channel / 3MHz / QPSK



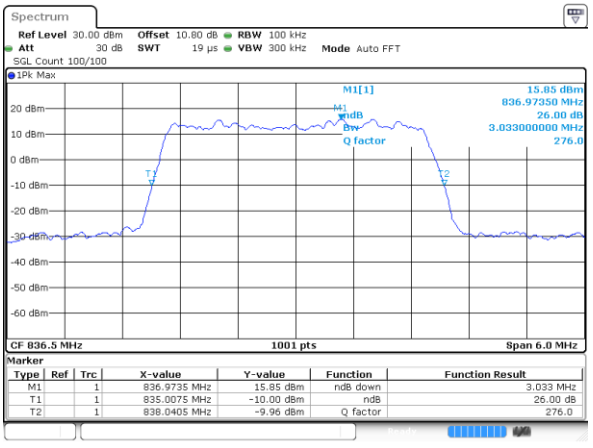
Lowest Channel / 3MHz / 16QAM



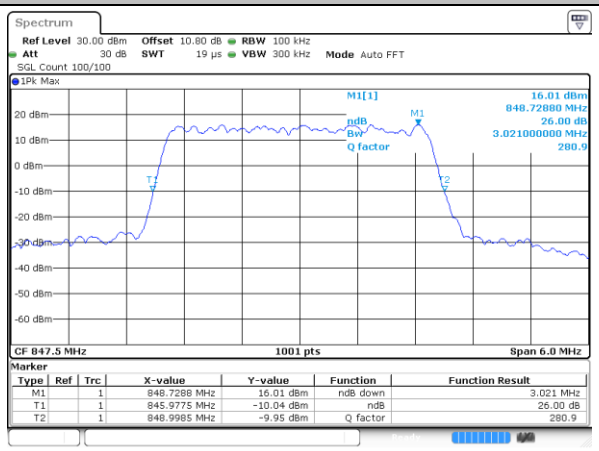
Middle Channel / 3MHz / QPSK



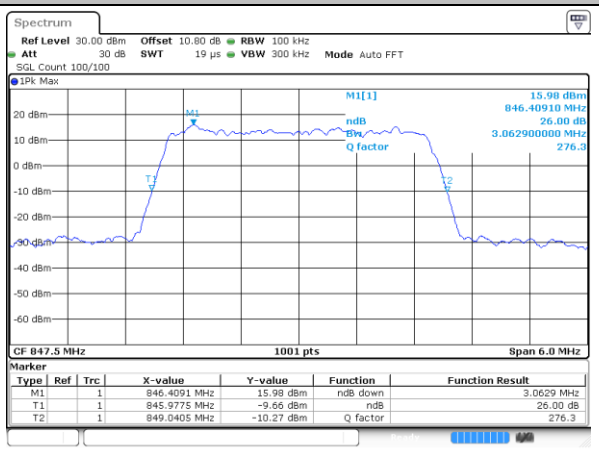
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

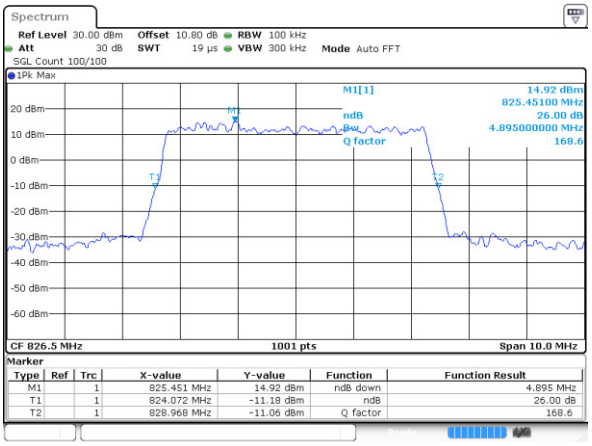


Highest Channel / 3MHz / 16QAM

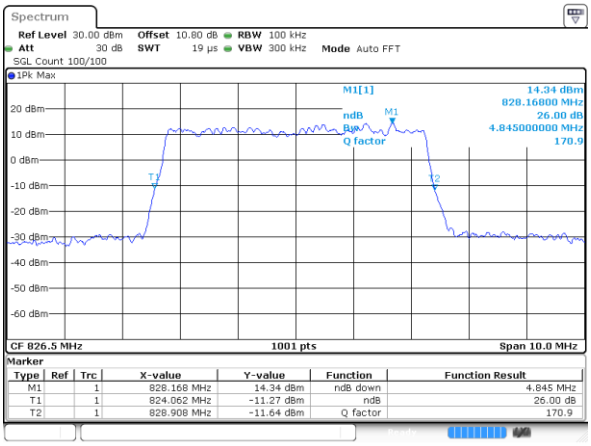


LTE Band 26

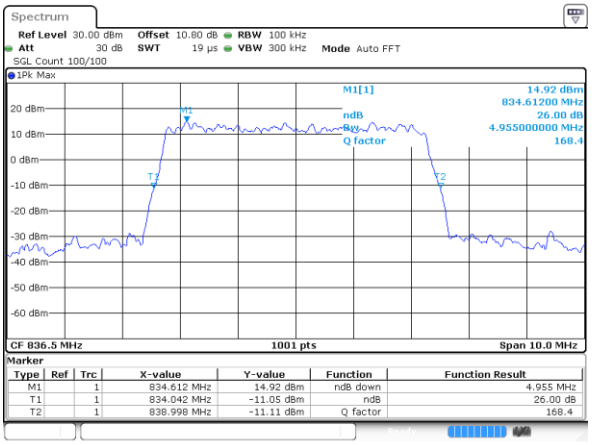
Lowest Channel / 5MHz / QPSK



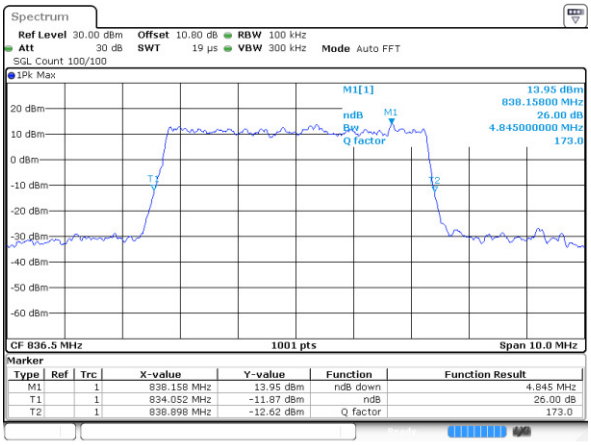
Lowest Channel / 5MHz / 16QAM



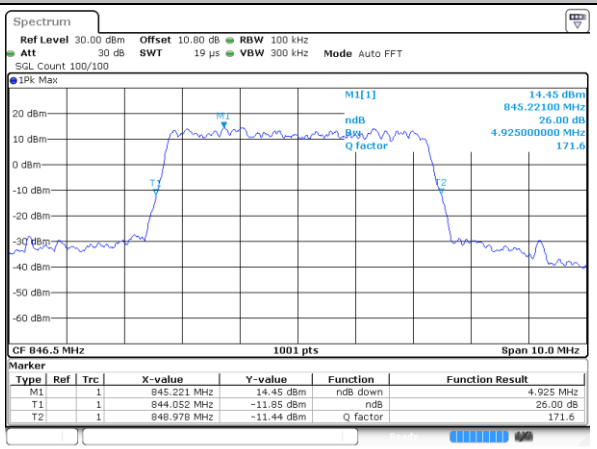
Middle Channel / 5MHz / QPSK



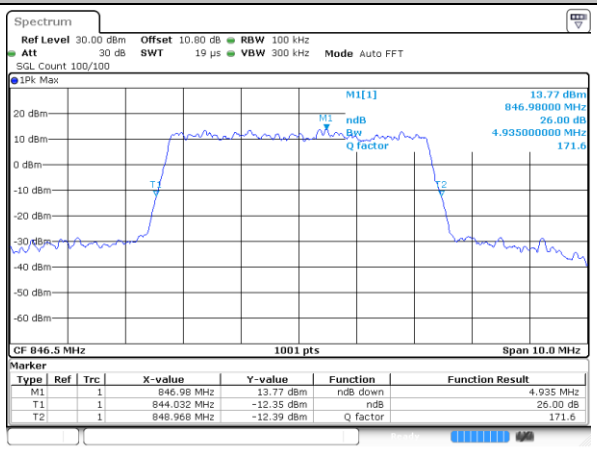
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

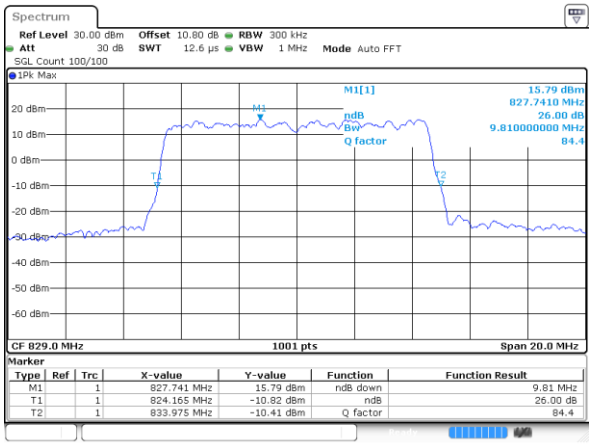


Highest Channel / 5MHz / 16QAM

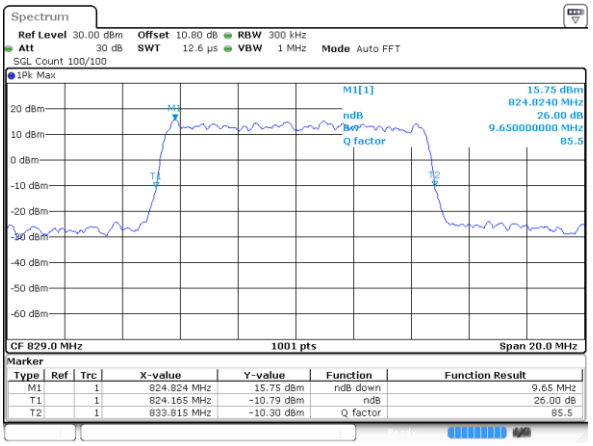


LTE Band 26

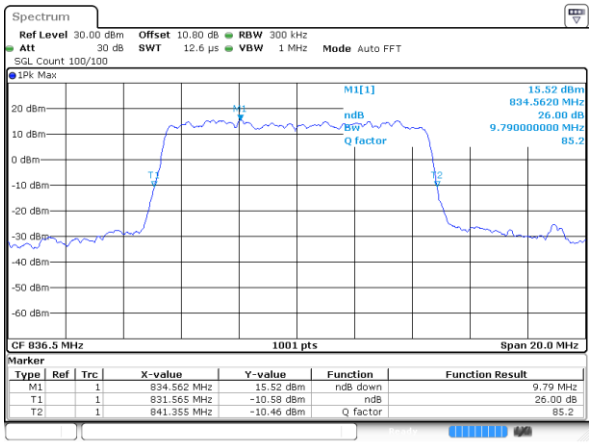
Lowest Channel / 10MHz / QPSK



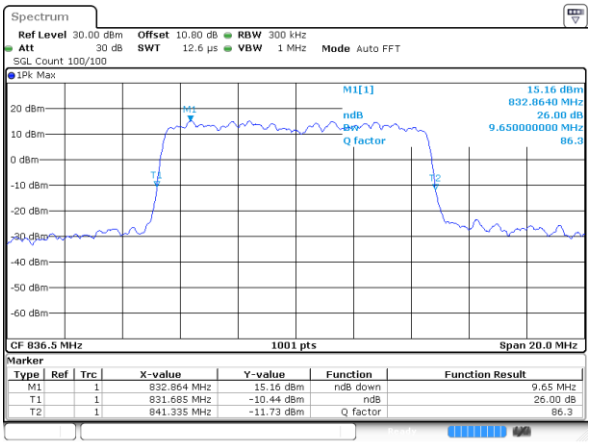
Lowest Channel / 10MHz / 16QAM



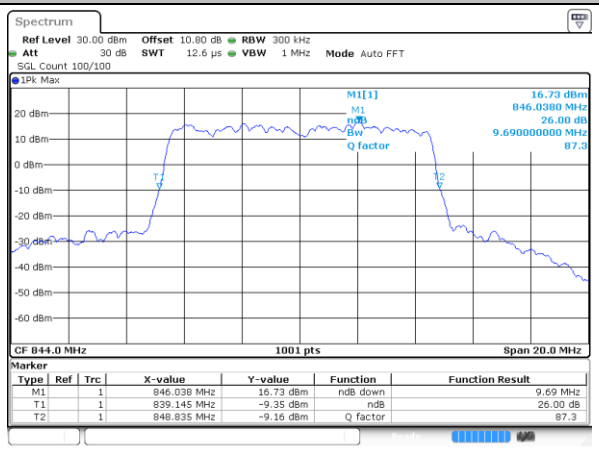
Middle Channel / 10MHz / QPSK



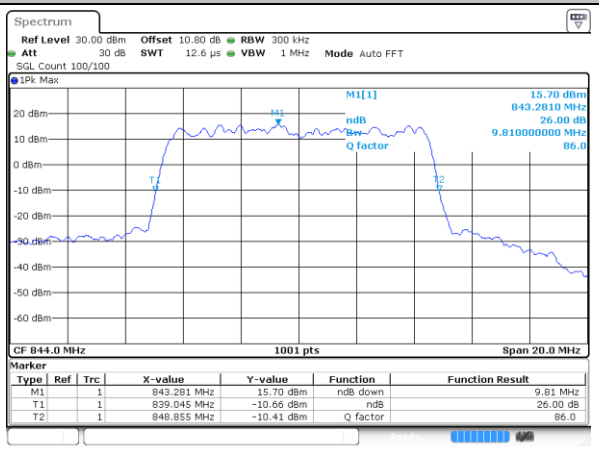
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

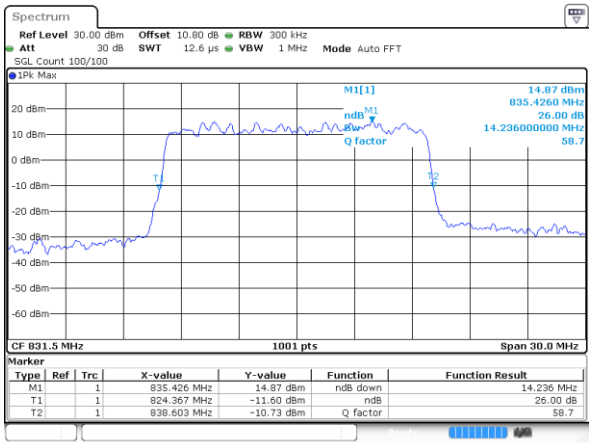


Highest Channel / 10MHz / 16QAM

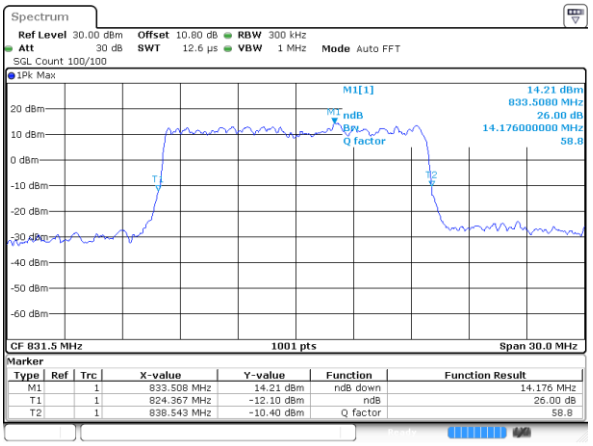


LTE Band 26

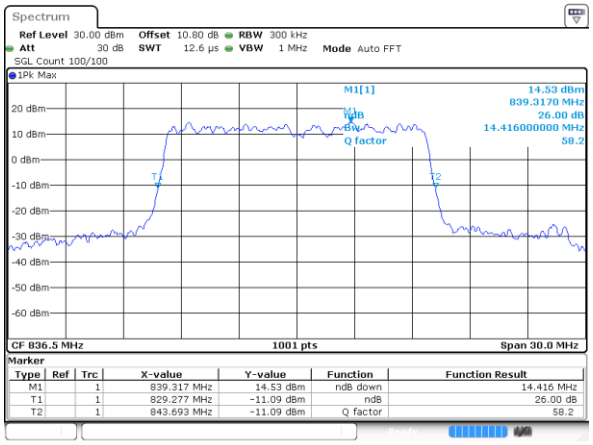
Lowest Channel / 15MHz / QPSK



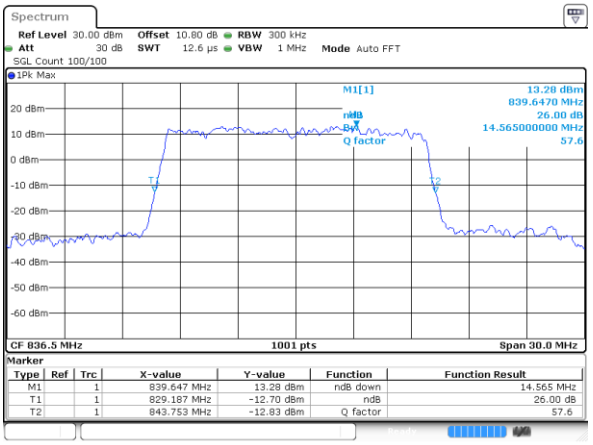
Lowest Channel / 15MHz / 16QAM



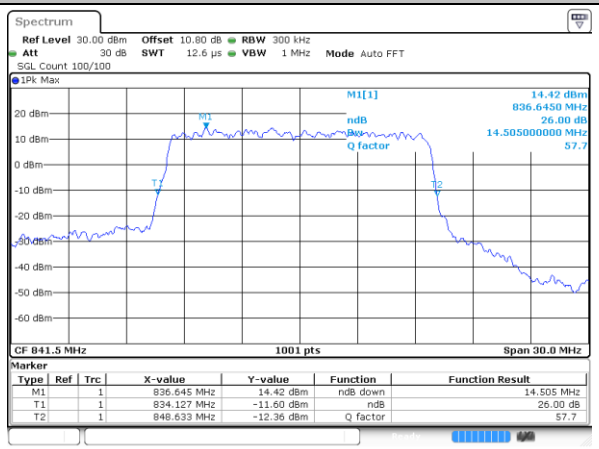
Middle Channel / 15MHz / QPSK



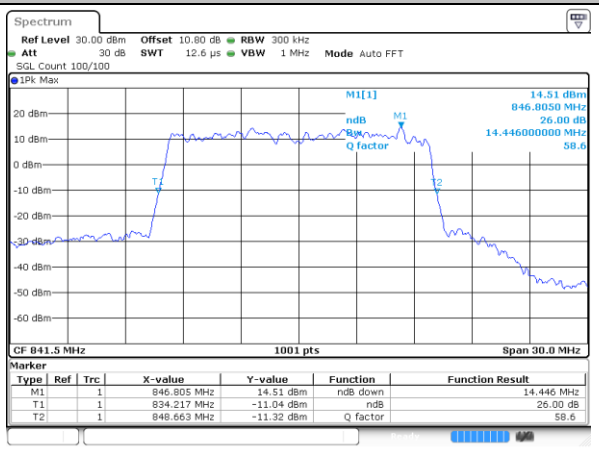
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

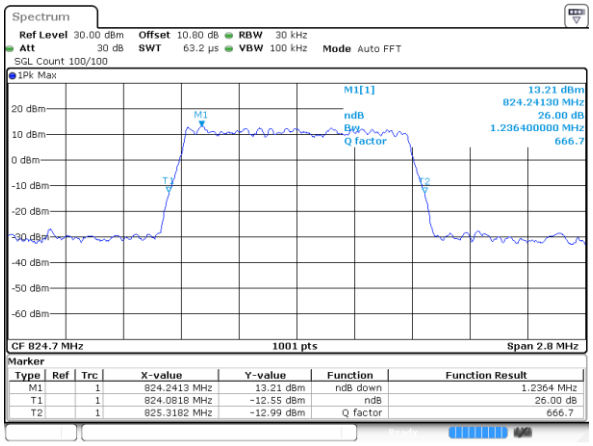


Highest Channel / 15MHz / 16QAM

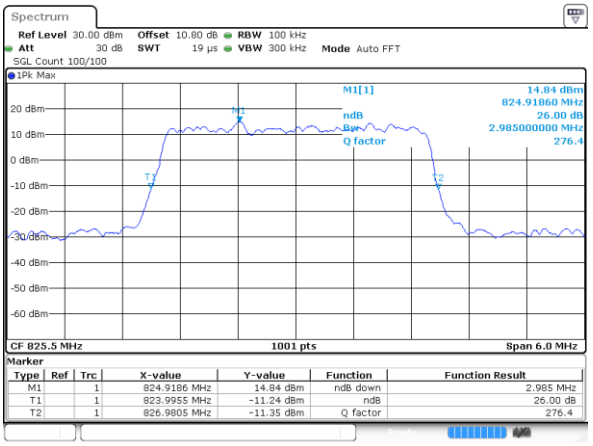


LTE Band 26

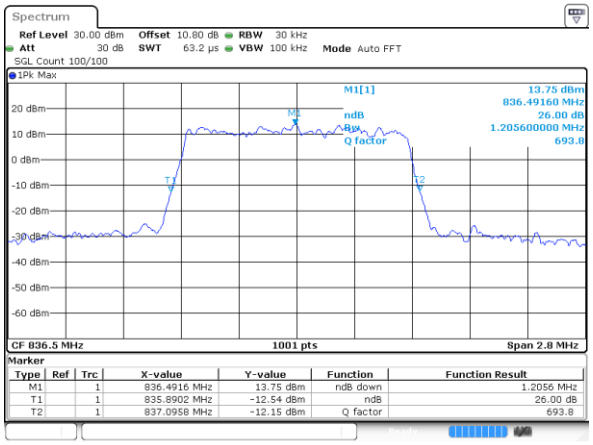
Lowest Channel / 1.4MHz / 64QAM



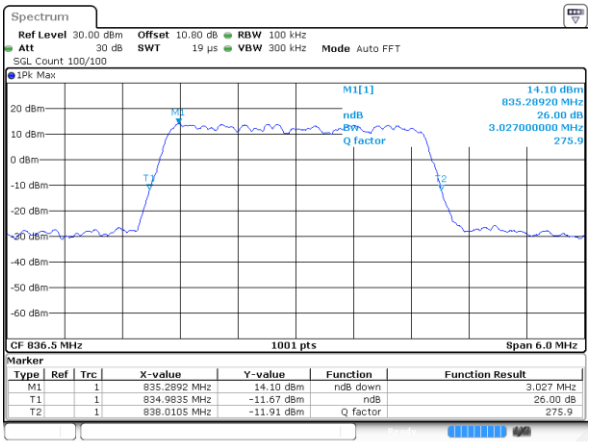
Lowest Channel / 3MHz / 64QAM



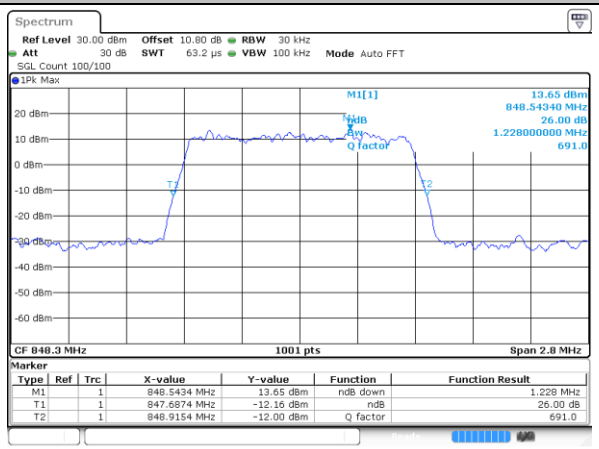
Middle Channel / 1.4MHz / 64QAM



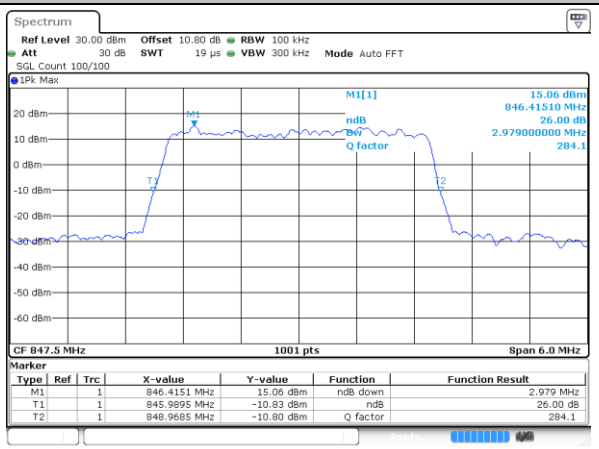
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

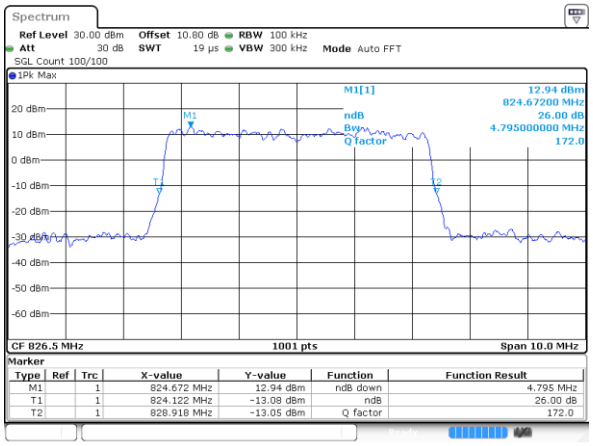


Highest Channel / 3MHz / 64QAM

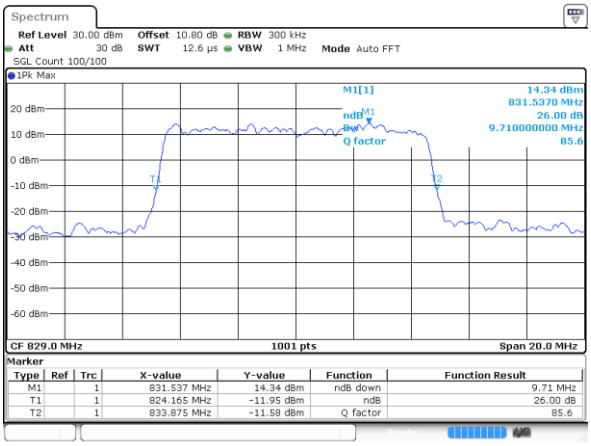


LTE Band 26

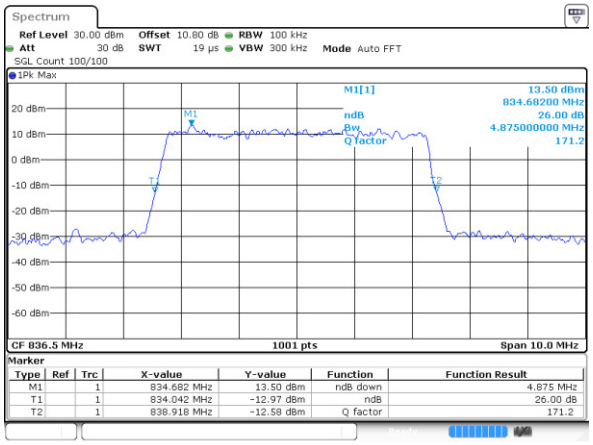
Lowest Channel / 5MHz / 64QAM



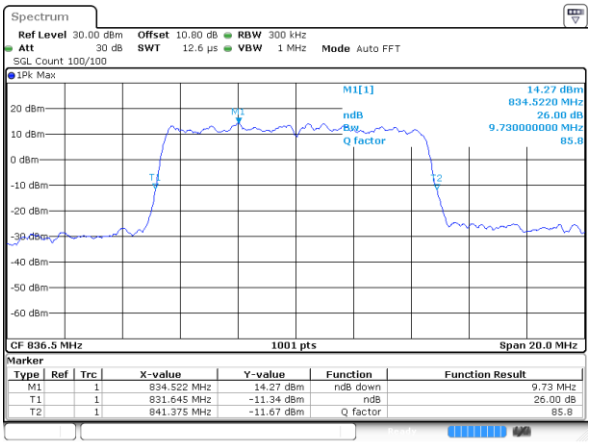
Lowest Channel / 10MHz / 64QAM



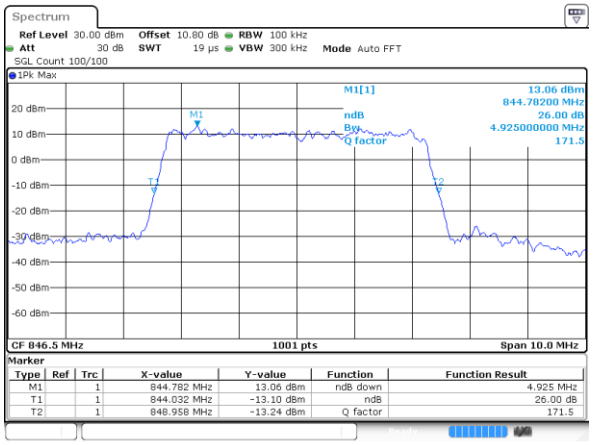
Middle Channel / 5MHz / 64QAM



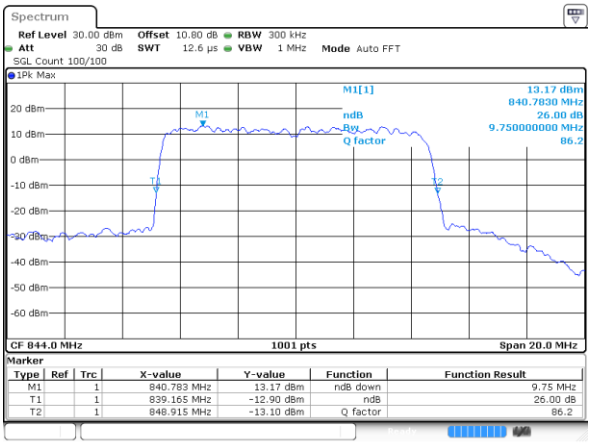
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

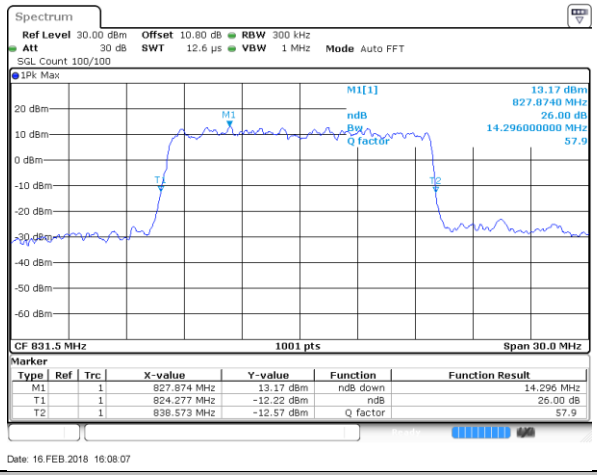


Highest Channel / 10MHz / 64QAM

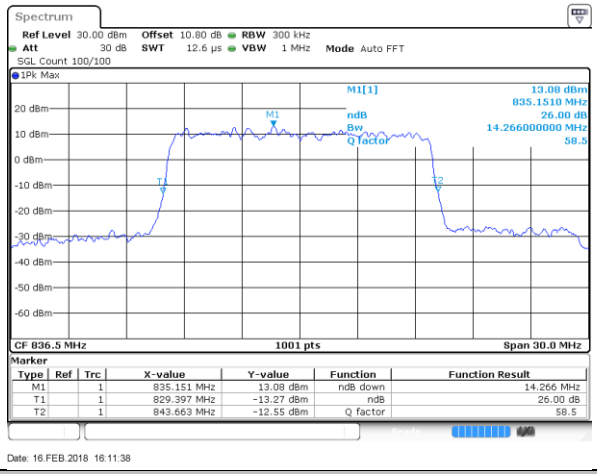


LTE Band 26

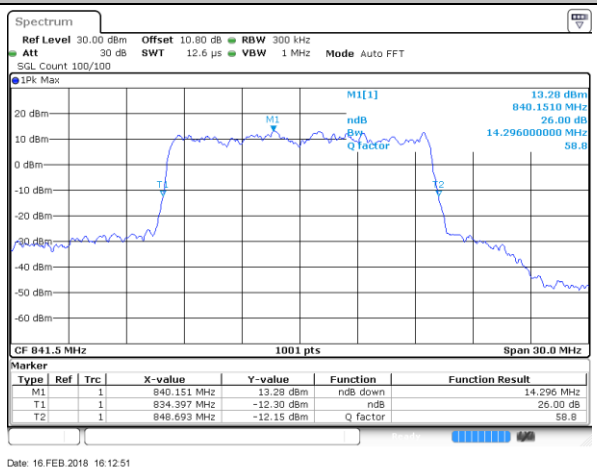
Lowest Channel / 15MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Highest Channel / 15MHz / 64QAM

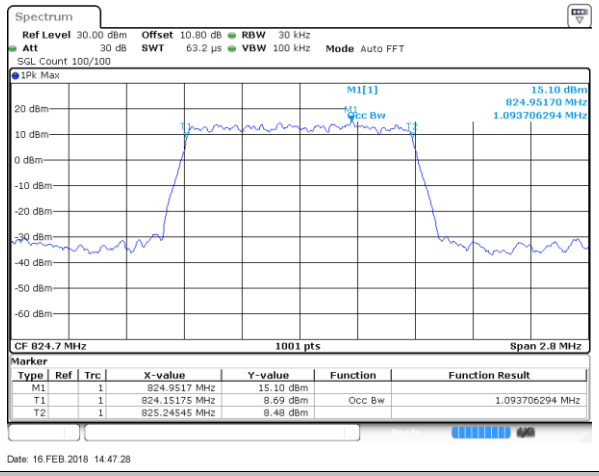


Occupied Bandwidth

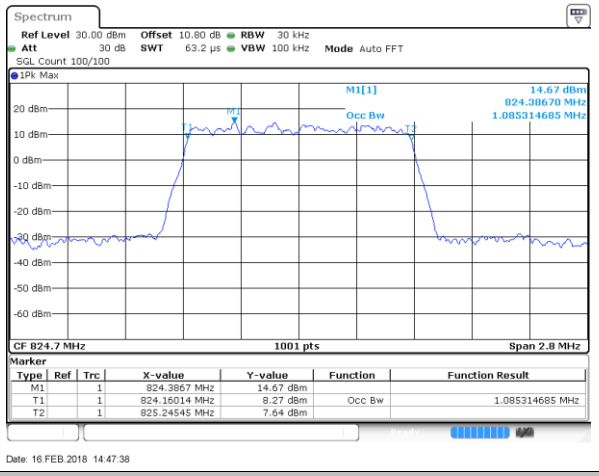
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.72	4.5	4.51	8.99	8.99	13.34	13.46	-	-
Middle CH	1.09	1.1	2.75	2.7	4.48	4.47	9.03	9.05	13.4	13.46	-	-
Highest CH	1.09	1.1	2.71	2.72	4.49	4.48	8.99	9.01	13.43	13.46	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.73	-	4.50	-	9.03	-	13.46	-	-	-
Middle CH	1.09	-	2.72	-	4.47	-	9.01	-	13.37	-	-	-
Highest CH	1.09	-	2.72	-	4.52	-	9.03	-	13.46	-	-	-

LTE Band 26

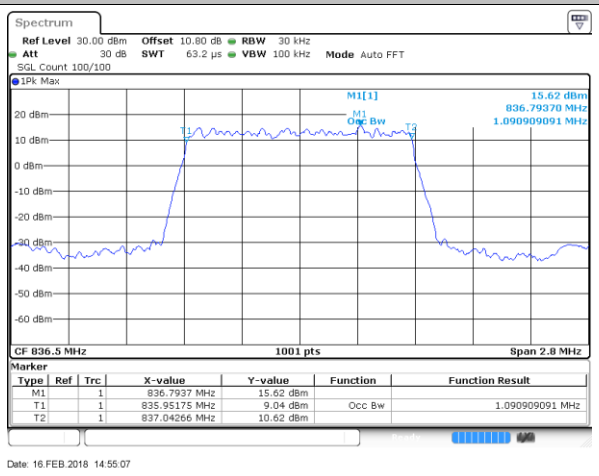
Lowest Channel / 1.4MHz / QPSK



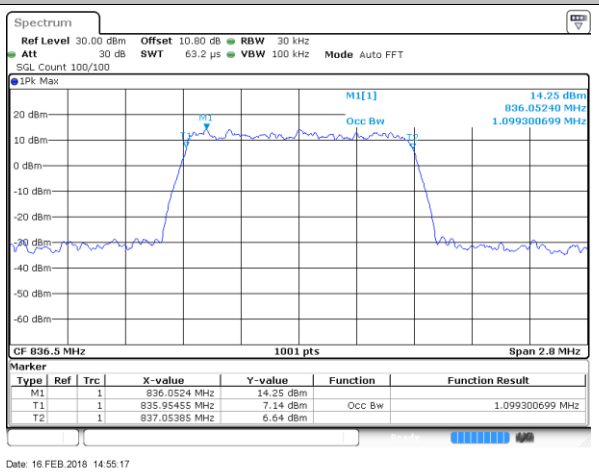
Lowest Channel / 1.4MHz / 16QAM



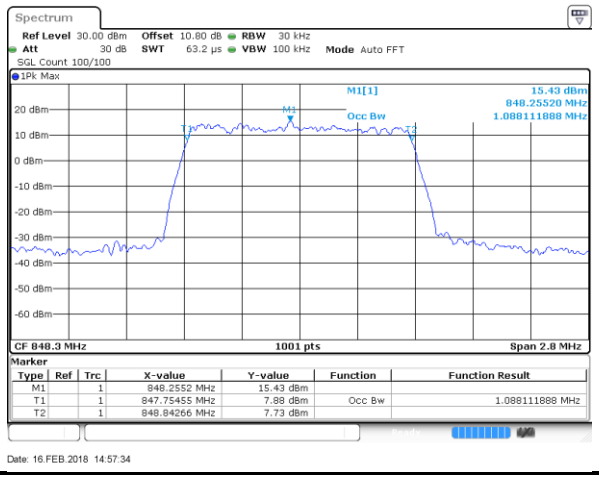
Middle Channel / 1.4MHz / QPSK



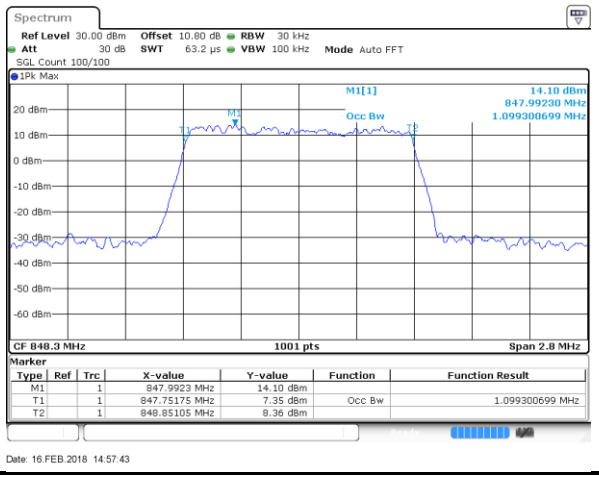
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

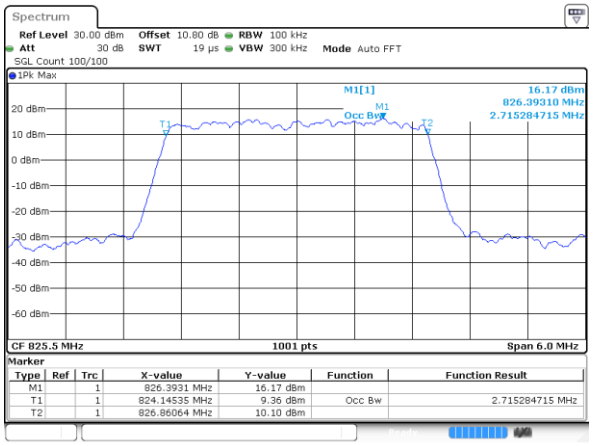


Highest Channel / 1.4MHz / 16QAM

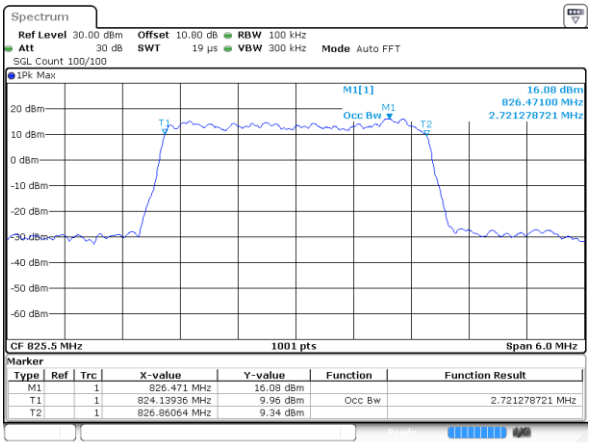


LTE Band 26

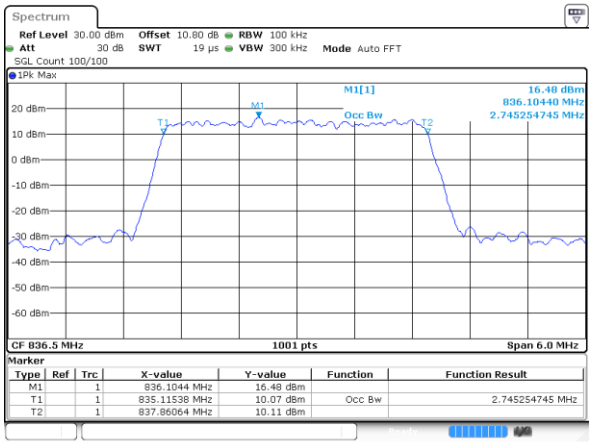
Lowest Channel / 3MHz / QPSK



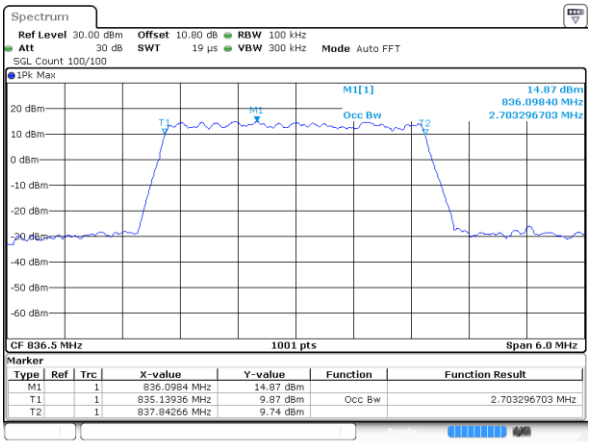
Lowest Channel / 3MHz / 16QAM



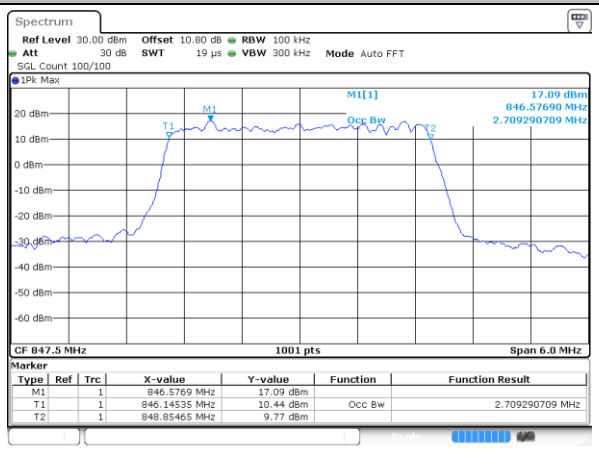
Middle Channel / 3MHz / QPSK



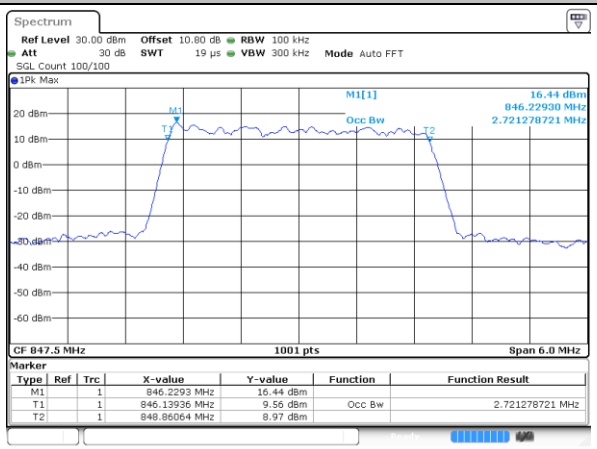
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

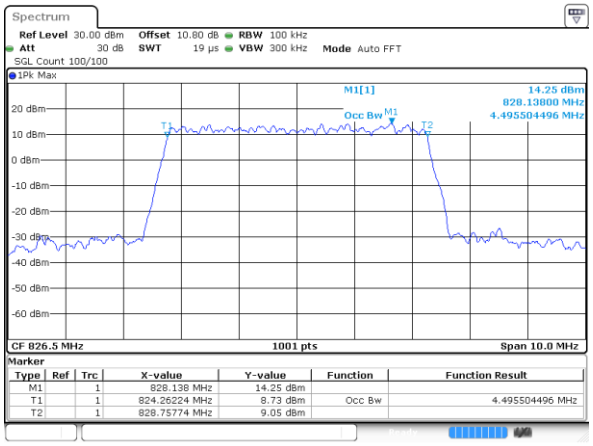


Highest Channel / 3MHz / 16QAM

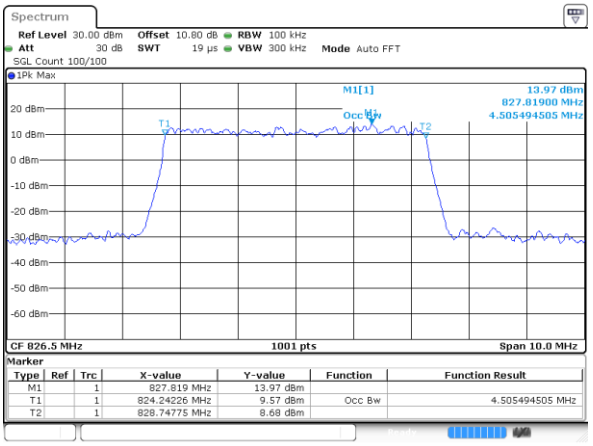


LTE Band 26

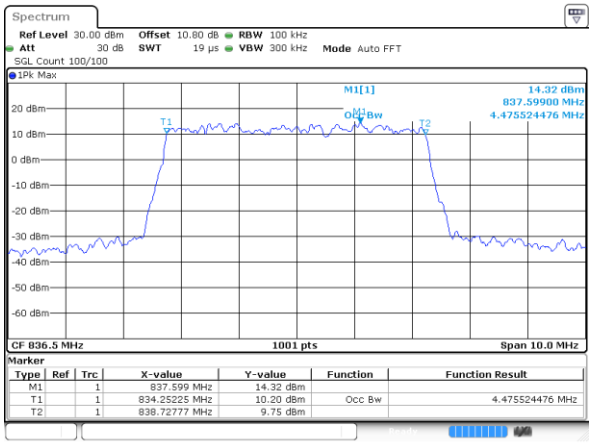
Lowest Channel / 5MHz / QPSK



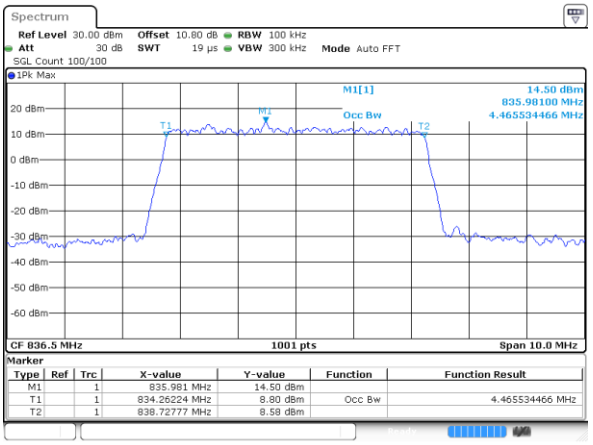
Lowest Channel / 5MHz / 16QAM



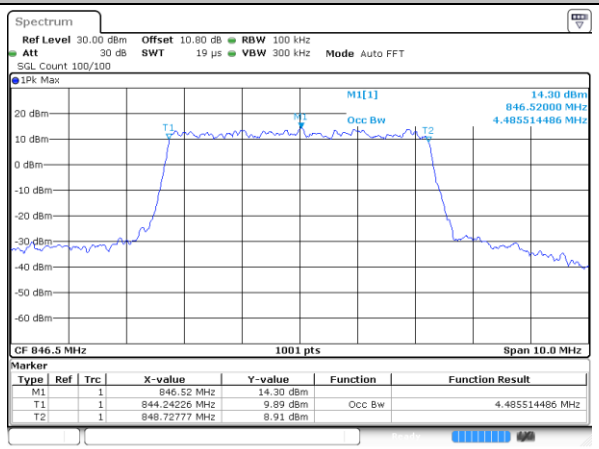
Middle Channel / 5MHz / QPSK



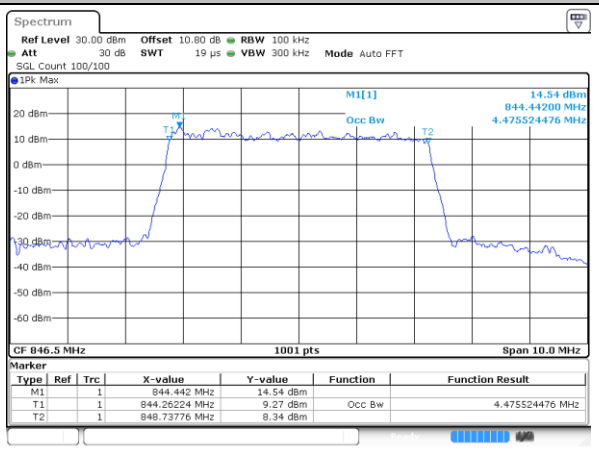
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

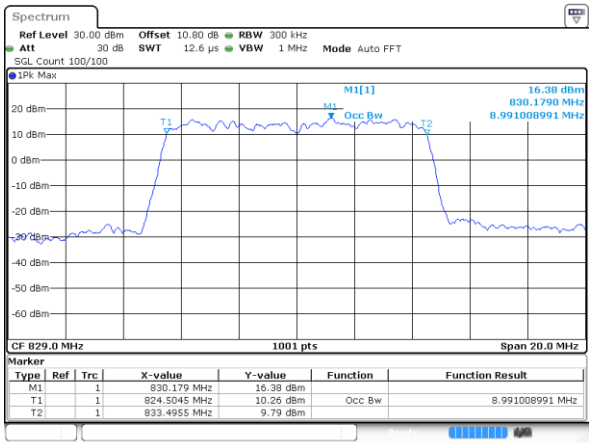


Highest Channel / 5MHz / 16QAM

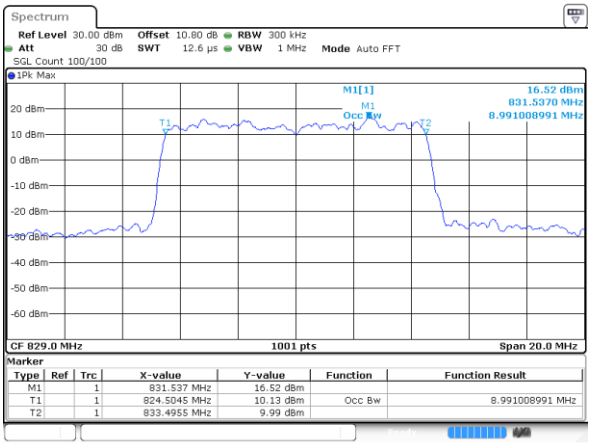


LTE Band 26

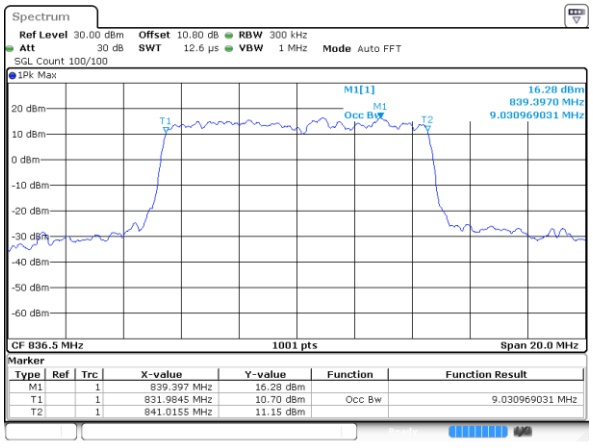
Lowest Channel / 10MHz / QPSK



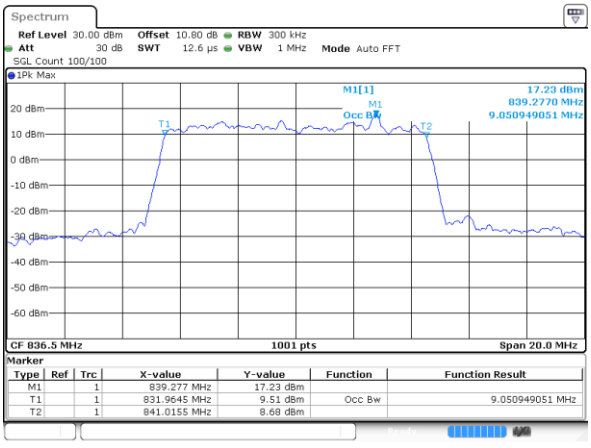
Lowest Channel / 10MHz / 16QAM



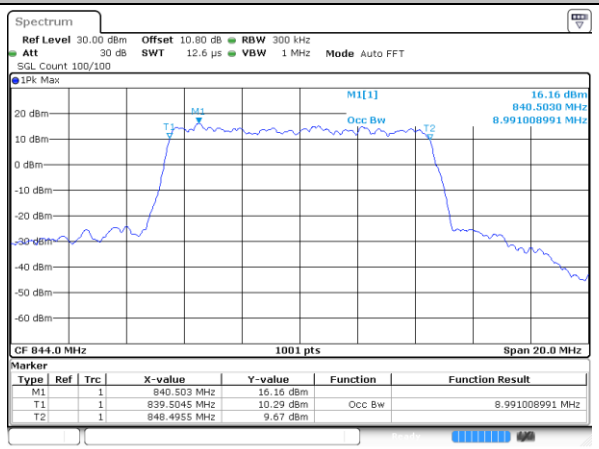
Middle Channel / 10MHz / QPSK



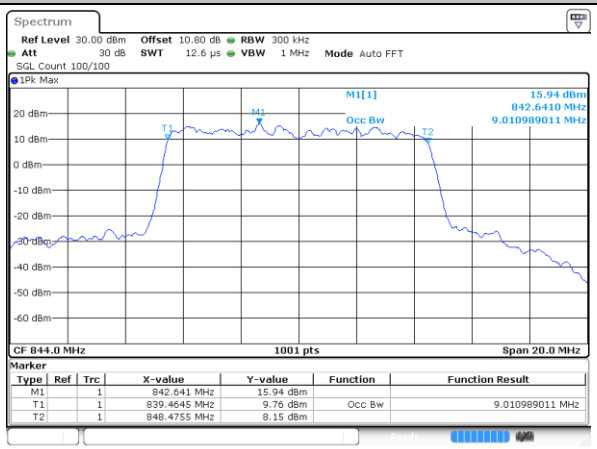
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

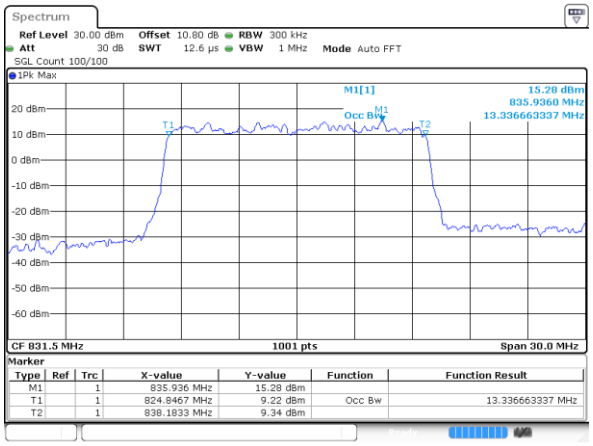


Highest Channel / 10MHz / 16QAM

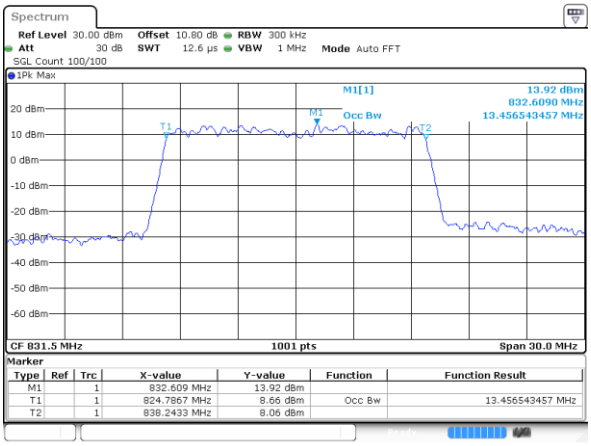


LTE Band 26

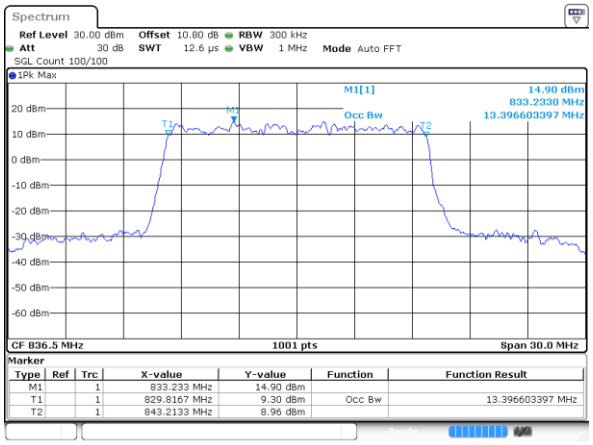
Lowest Channel / 15MHz / QPSK



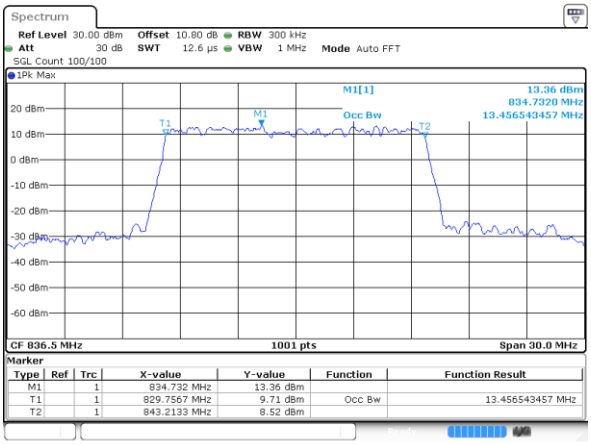
Lowest Channel / 15MHz / 16QAM



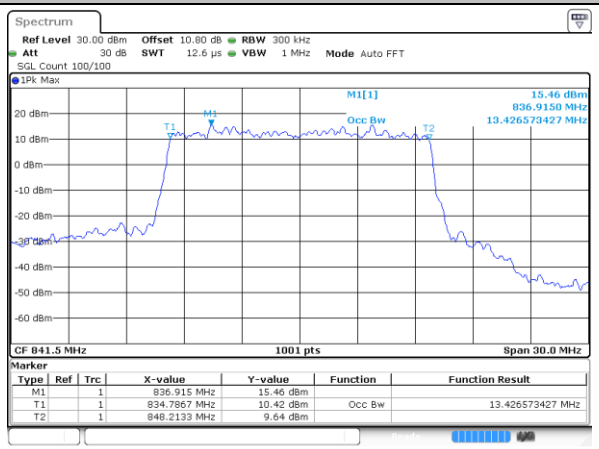
Middle Channel / 15MHz / QPSK



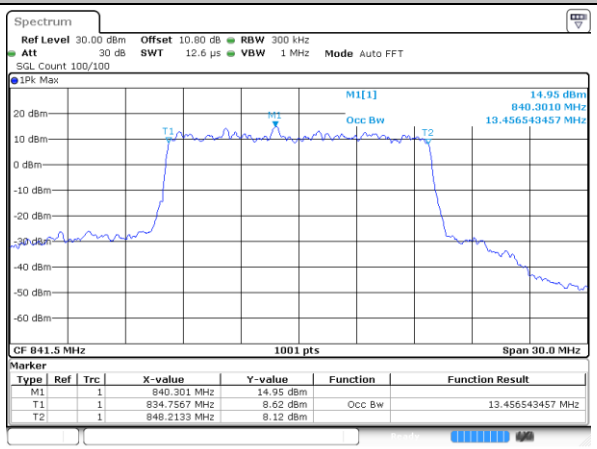
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

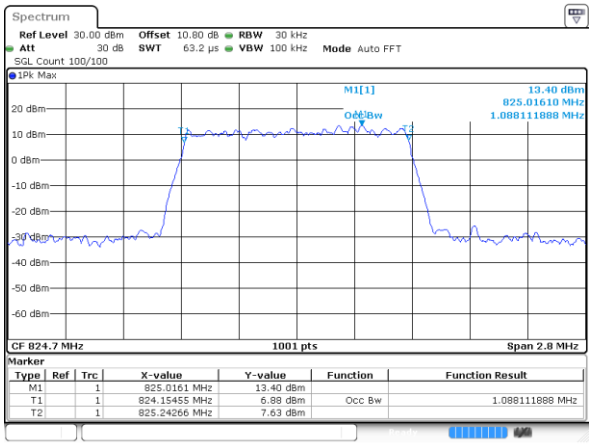


Highest Channel / 15MHz / 16QAM



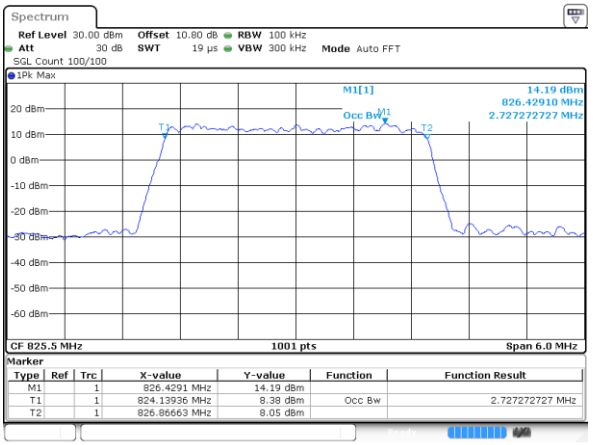
LTE Band 26

Lowest Channel / 1.4MHz / 64QAM



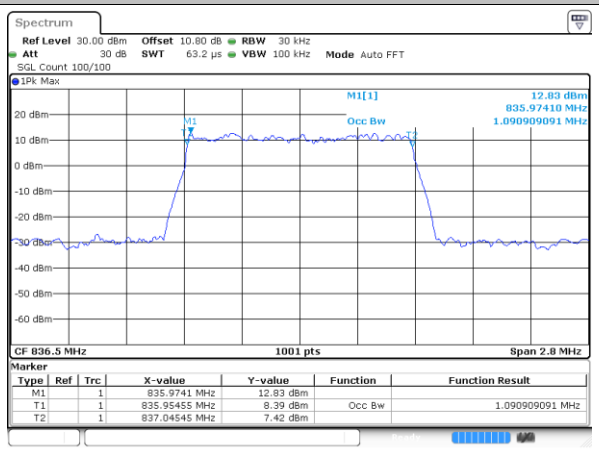
Date: 16.FEB.2018 15:37:13

Lowest Channel / 3MHz / 64QAM



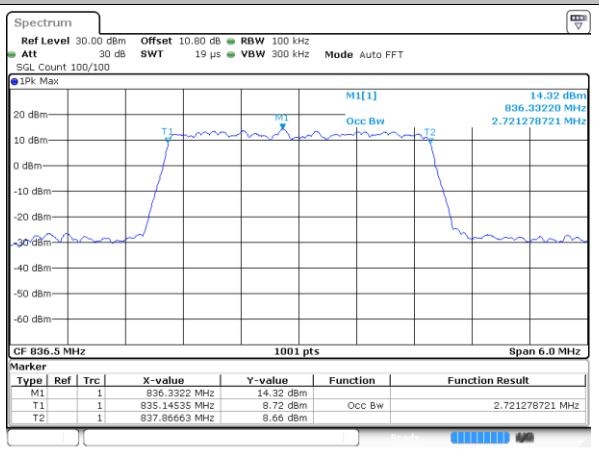
Date: 16.FEB.2018 15:43:30

Middle Channel / 1.4MHz / 64QAM



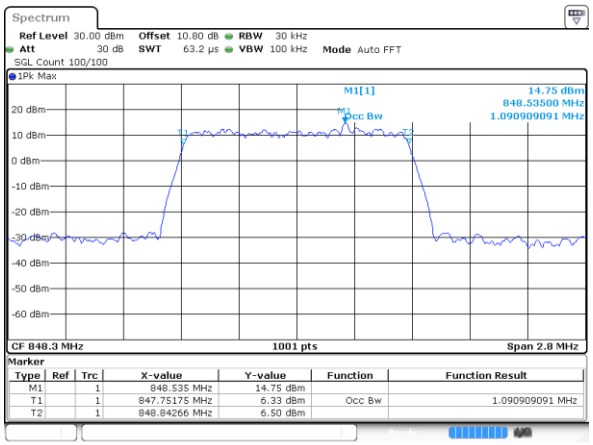
Date: 16.FEB.2018 15:41:03

Middle Channel / 3MHz / 64QAM



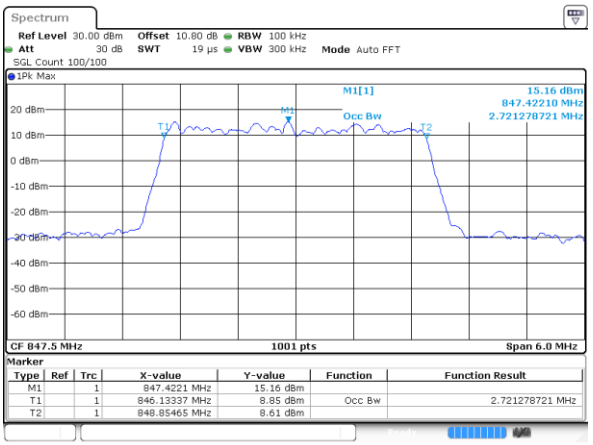
Date: 16.FEB.2018 15:46:58

Highest Channel / 1.4MHz / 64QAM



Date: 16.FEB.2018 15:42:16

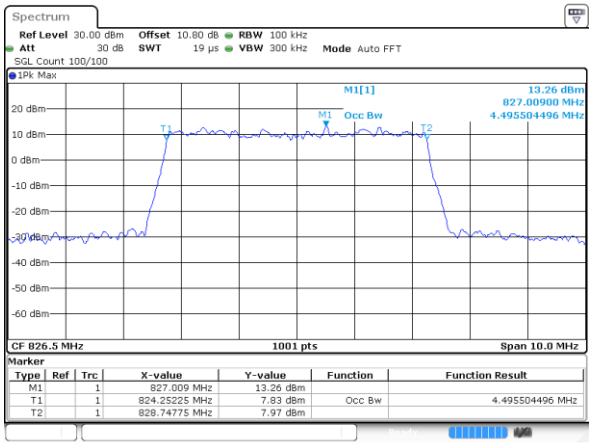
Highest Channel / 3MHz / 64QAM



Date: 16.FEB.2018 15:48:11

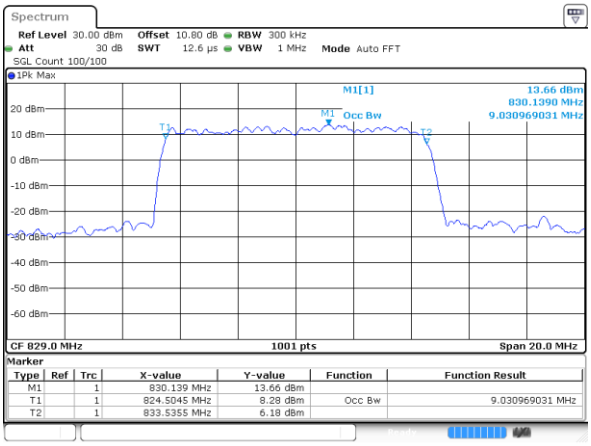
LTE Band 26

Lowest Channel / 5MHz / 64QAM



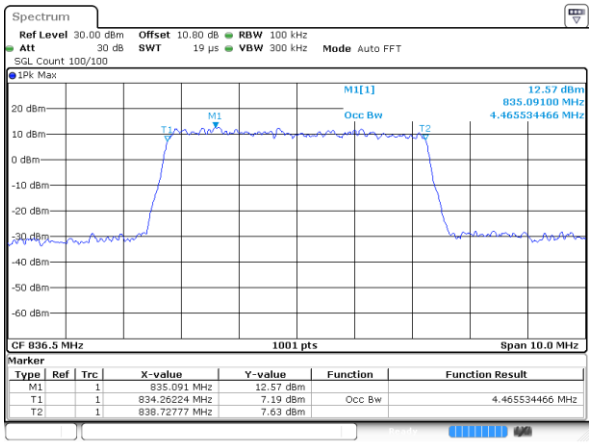
Date: 16.FEB.2018 15:51:39

Lowest Channel / 10MHz / 64QAM



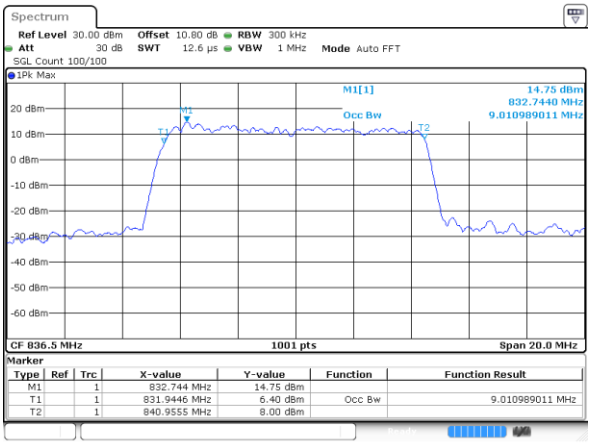
Date: 16.FEB.2018 15:59:48

Middle Channel / 5MHz / 64QAM



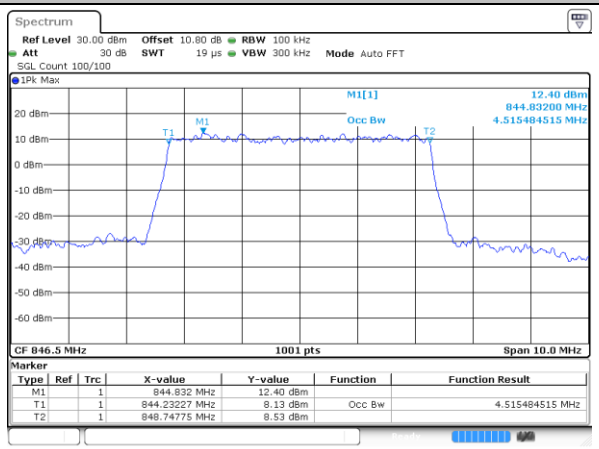
Date: 16.FEB.2018 15:55:07

Middle Channel / 10MHz / 64QAM



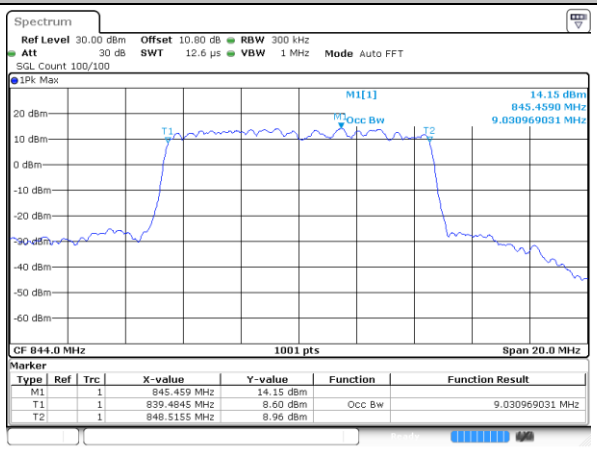
Date: 16.FEB.2018 16:03:16

Highest Channel / 5MHz / 64QAM



Date: 16.FEB.2018 15:56:20

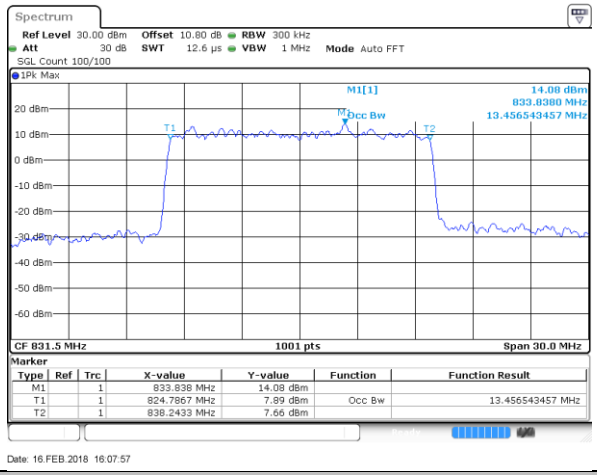
Highest Channel / 10MHz / 64QAM



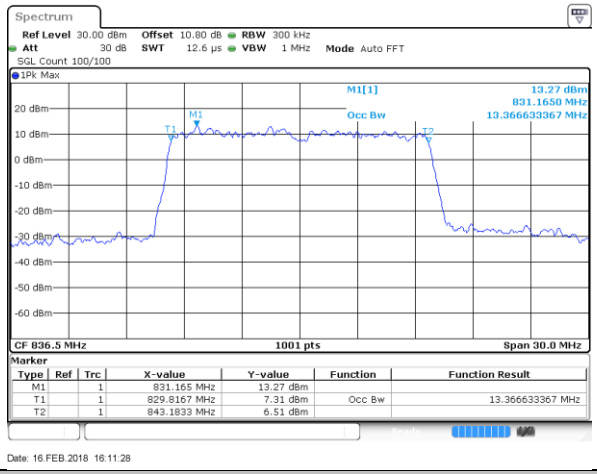
Date: 16.FEB.2018 16:04:30

LTE Band 26

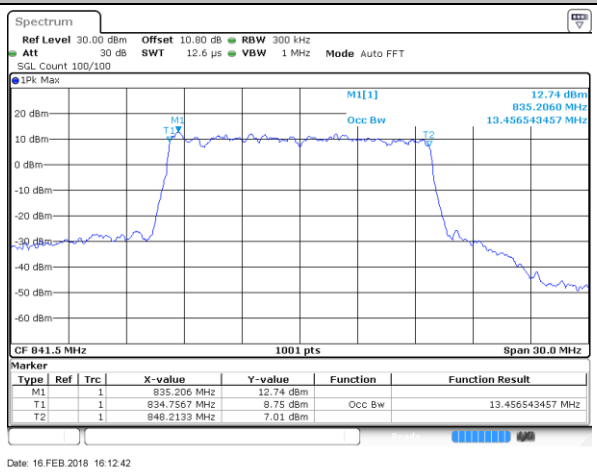
Lowest Channel / 15MHz / 64QAM



Middle Channel / 15MHz / 64QAM



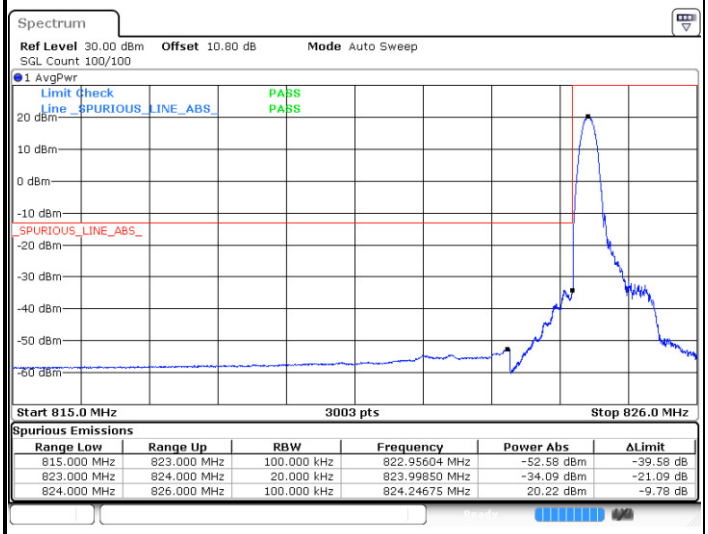
Highest Channel / 15MHz / 64QAM



Conducted Band Edge

LTE Band 26 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

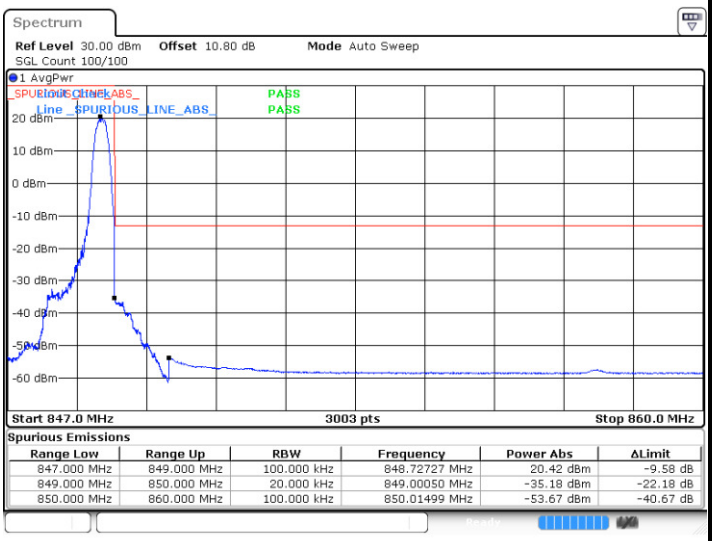


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.95604 MHz	-52.58 dBm	-39.58 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99850 MHz	-34.09 dBm	-21.09 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.24675 MHz	20.22 dBm	-9.78 dB

Date: 16.FEB.2018 15:06:58

Highest Band Edge / 1RB

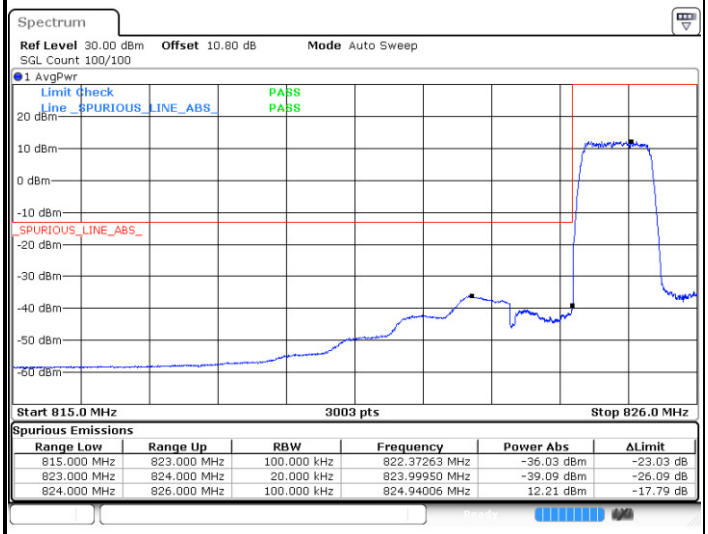


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.72727 MHz	20.42 dBm	-9.58 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-35.18 dBm	-22.18 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-53.67 dBm	-40.67 dB

Date: 16.FEB.2018 15:33:32

Lowest Band Edge / Full RB

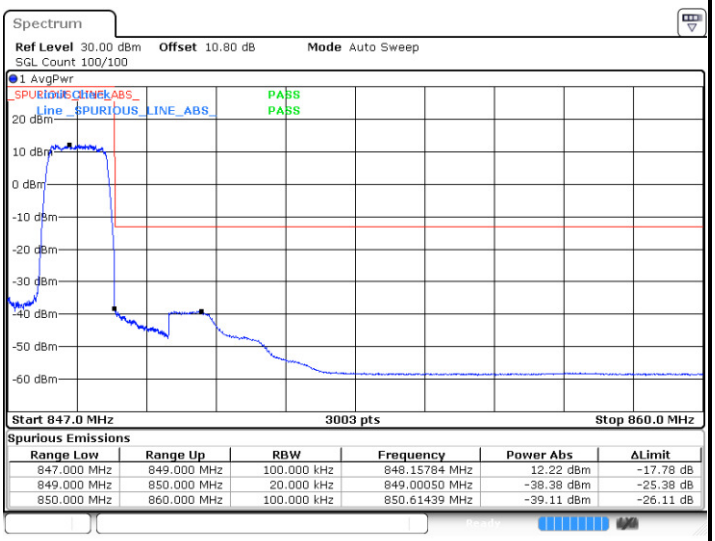


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.37263 MHz	-36.03 dBm	-23.03 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-39.09 dBm	-26.09 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.94006 MHz	12.21 dBm	-17.79 dB

Date: 16.FEB.2018 15:20:17

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.15784 MHz	12.22 dBm	-17.78 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-38.38 dBm	-25.38 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.61439 MHz	-39.11 dBm	-26.11 dB

Date: 16.FEB.2018 15:21:56